

19971006.qrp v00_n870.qrs.971006

Date: Mon, 6 Oct 1997 19:05:56 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 870

QRP-L Digest 870

Topics covered in this issue include:

- 1) [28081] DX Alert, again
by Joel Malman <malman@BBN.COM>
- 2) [28082] 38 Spec case..
by "Thomas J.McCuen" <TMcCuen@compuserve.com>
- 3) [28083] SST/20 Question
by Joel Malman <malman@BBN.COM>
- 4) [28084] Need antenna test tonite! 7042 from 00:30-01:30 pre Fox testing.
by Jess Gypin <jessqrp@concentric.net>
- 5) [28085] QRP ops in ND, SD, and WY
by "Larry Wise/KA5T" <lewise@inetport.com>
- 6) [28086] FS: 38S
by "John Lockhart" <jlockj@minn.net>
- 7) [28087] Re: AOLoser problem & request
by Greg Pollard <cwgreg@worldnet.att.net>
- 8) [28088] On the air now 7043 00:53 got a late start sri!
by Jess Gypin <jessqrp@concentric.net>
- 9) [28089] Re: AOLoser problem & request
by Bob Hightower <ki7mn@dancris.com>
- 10) [28090] FOX: Invitation to join "Ole Coots"
by Jack Meadows <jackmead@getnet.com>
- 11) [28091] Re: AOLoser problem & request
by "M. Monninger" <markem@primenet.com>
- 12) [28092] HW-9 mods
by gsurrency@juno.com (Gary L L Surrency)
- 13) [28093] Re: ARK4 Final
by gsurrency@juno.com (Gary L L Surrency)
- 14) [28094] RE: Attic Antennas - long -ish
by WA8GHZ /5 Jack Dougherty <jdougher@wt.net>
- 15) [28095] Re: AOLoser problem & request
by Robert Bayha <rbayha@ix.netcom.com>
- 16) [28096] K5FO Special Question
by Mark S Adams <msadams@acsu.buffalo.edu>
- 17) [28097] FOX: New Team Announcent
by Mark S Adams <msadams@acsu.buffalo.edu>
- 18) [28098] hamfest report - Wichita
by "Bruce Barley" <lbbbarley@feist.com>
- 19) [28099] Re: Attic Antennas

by LynnSimons@aol.com

20) [28100] Antennas test is over and fun!
by Jess Gypin <jessqrp@concentric.net>

21) [28101] Fox - N/T Got Him
by kb0rol@juno.com (Bradley L Mugleston)

22) [28102] Spelling
by Jess Gypin <jessqrp@concentric.net>

23) [28103] RE:hamfest report - Wichita
by Niels Jensen Kristjansson <nkristja@cadvision.com>

24) [28104] SSB 1000 miles a watt or better! 15 meters today
by Jess Gypin <jessqrp@concentric.net>

25) [28105] For Sale or Trade
by N5JI@aol.com

26) [28106] New (used) scope
by Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>

27) [28107] Temp. Comp. Caps Source.
by Harvey Hetland <n6mm@earthlink.net>

28) [28108] QRP WAS hint.
by Harvey Hetland <n6mm@earthlink.net>

29) [28109] Re: AOLoser problem & request
by Randy Hargenrader <randyh@harksystems.com>

30) [28110] Sierra Mods
by "Fishman, Clark" <cfishman@pica.army.mil>

31) [28111] NOVICE FOX HUNT (RETROSPECT)
by ARDUJENSKI@aol.com

32) [28112] 06 OCT FOXHUNT RESULTS (UNCORRECTED)
by ARDUJENSKI@aol.com

33) [28113] Re: Spelling
by Chris Cartwright <ccart@dns.vidtel.com>

34) [28114] RE: Spelling
by Kevin Muenzler <wb5rue@stic.net>

35) [28115] Re: hamfest report - Wichita
by John Sullivan <sullivjd@sound.net>

36) [28116] Corsair II on QRP
by Bill Acito 06-Oct-1997 0947 <acito@asdg.ENET.dec.com>

37) [28117] Thanks from FOX#2 AE9K
by Brian Cieslak <brianc@ams-i.com>

38) [28118] FOX - NOT! Results
by tahrens1@juno.com (Timothy H Ahrens)

39) [28119] [Fwd: Re: Testing portable 40M dipole tonight]
by Jim <kj5tf@mctc.com>

40) [28120] FOXing...think of working split?
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>

41) [28121] ANNOUNCING THE LI/NJ QRP DOGHOUSE OPERATION SPRINT, 22- NOV- 97,
1800-2200 UTC
by "Kevin F. Glynn" <kfglynn@prodigy.net>

42) [28122] Re: FOXing...think of working split?
by Bob Hightower <ki7mn@dancris.com>

43) [28123] Re: FOXing...think of working split?
by Chris Cartwright <ccart@dns.vidtel.com>

44) [28124] ANNOUNCING THE LI/NJ QRP DOGHOUSE OPERATION SPRINT, 22- NOV- 97,
1800-2200 UTC
by "Kevin F. Glynn" <kfglynn@prodigy.net>

45) [28125] Re: FOXing...think of working split?
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>

46) [28126] Re: Sierra Mods
by gsurrency@juno.com (Gary L L Surrency)

47) [28127] Re: More Centennial Fun
by Ed Pacyna <pacyna@auratek.com>

48) [28128] Split FOX?
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>

49) [28129] From High Loop to 2 EL loop
by jdenison@morelr.com (JOEL DENISON)

50) [28130] Re: Thanks from FOX#2 AE9K
by Chris Cartwright <ccart@dns.vidtel.com>

51) [28131] 15M DX
by "Kevin F. Glynn" <kfglynn@prodigy.net>

52) [28132] RE: Spelling
by jdenison@morelr.com (JOEL DENISON)

53) [28133] Re: Thanks from FOX#2 AE9K
by Bob Hightower <ki7mn@dancris.com>

54) [28134] Re: Thanks from FOX#2 AE9K
by Joe Gervais <vole@primenet.com>

55) [28135] FOX: BQRPC TEAM ANNOUNCEMENT
by FACMSA@facilities.buffalo.edu (Adams, Mark S.)

56) [28136] QSL INFO UA0FH
by kreinbd@ccgate.dl.nec.com (David Kreinberg)

57) [28137] Re: Spelling
by w4bws@juno.com (Donald E Sanders)

58) [28138] When QRP DX becomes commonplace :)
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>

59) [28139] FOX: Seeking Team Membership; RESUME
by Ed Loranger <we6w@qsl.net>

60) [28140] Re: Split FOX?
by Harvey Hetland <n6mm@earthlink.net>

61) [28141] re: Sputnik
by sarraf@thermacore.com

62) [28142] LONG: Century 22 (& possibly Argosy) dial restringing !!!
by John Evans - N0HJ <jaevans@codenet.net>

63) [28143] Re: W1FB Review of JOY OF QRP
by Jim Glover <psykey@okcforum.org>

64) [28144] ANNOUNCING THE LI/NJ QRP DOGHOUSE OPERATION SPRINT, 22- NOV- 97,
1800-2200 UTC
by "Kevin F. Glynn" <kfglynn@prodigy.net>

65) [28145] /RCC ???
by Chris Cartwright <ccart@dns.vidtel.com>

- 66) [28146] BUBBA Prizes and /RCC
by Joe Gervais <vole@primenet.com>
- 67) [28147] RE: Split FOX?
by "chuck munce" <k0gjx@classic.msn.com>
- 68) [28148] Re: AOLoser problem & request
by Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>
- 69) [28149] RE: Split FOX?
by Ed Manuel <n5em@flash.net>
- 70) [28150] RE: /RCC ???
by Ed Manuel <n5em@flash.net>
- 71) [28151] Re: /RCC ???
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
- 72) [28152] RE: AOLoser problem & request
by Kevin Muenzler <wb5rue@stic.net>
- 73) [28153] Re: Split FOX?
by "J. Skalski" <jskalski@acsu.buffalo.edu>
- 74) [28154] Re: /RCC ???
by "J. Skalski" <jskalski@acsu.buffalo.edu>
- 75) [28155] NJ QRP Club Spy in California
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 76) [28156] Re: Spelling
by Jim Glover <psykey@okcforum.org>
- 77) [28157] For Ed, N5EM
by "rohre" <rohre@arlut.utexas.edu>
- 78) [28158] Re: W1FB Review of JOY OF QRP
by Ed Loranger <we6w@qsl.net>
- 79) [28159] RE: ARK4 Final (MRF-476)
by J0ppen6115@aol.com
- 80) [28160] Re: Team Challenge Standings
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 81) [28161] Re: W1FB Review of JOY OF QRP
by Jim Glover <psykey@okcforum.org>
- 82) [28162] KC1 in 38 Spec
by "Thomas J.McCuen" <TMcCuen@compuserve.com>

Date: Sun, 5 Oct 97 19:12:07 EDT
From: Joel Malman <malman@BBN.COM>
To: qrp-l@Lehigh.EDU
Cc: malman@BBN.COM
Subject: [28081] DX Alert, again
Message-ID: <199710052312.TAA102743@nss2.CC.Lehigh.EDU>

Group,

Time: 2300z

DX alert: JA stations once again on 17 meters!

The JA's are working all across the US. By the 'flutter' it is probably via over-the-pole propagation. I worked 4 JA's in a row yesterday, now I know how happy the W6/W7's are when they get an opening to Europe!

Hey, this QRP DX stuff is fun!

/joel wa1qvm

Date: Sun, 5 Oct 1997 19:11:39 -0400
From: "Thomas J.McCuen" <TMcCuen@compuserve.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [28082] 38 Spec case..
Message-ID: <199710051911_MC2-22DE-96D6@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Just ordered the D Hauff case for the 38 Spec... (sorry for the ans mach=

hangup Doug, you were out of the shop abt 3pm and I hate those machines)

So, re the photos on Norcal Page... what's the red square button for on the top tail end of the case??

I see the Tick button on the back, and don't see a parts listing for the one on top...??

Tnxs to those in the know

Tom aa2vk

Date: Sun, 5 Oct 97 19:21:53 EDT
From: Joel Malman <malman@BBN.COM>
To: qrp-l@Lehigh.EDU
Cc: malman@BBN.COM
Subject: [28083] SST/20 Question
Message-ID: <199710052321.TAA265448@nss2.CC.Lehigh.EDU>

Group,

I finished building an SST for 20 meters today. It seems to work fine..
(first QSO: PA0IJM). Problem: every time I power the SST on, and the AF
gain and RF gain happen to be ALL the way up I get this very (*VERY*) loud
blast of noise.

If I power the SST on, at any other AF or RF gain setting, the rig is
fine .. no loud blast.

Anyone have a clue??

thanks,

/joel wa1qvm

Date: Sun, 05 Oct 1997 17:25:25 -0600
From: Jess Gypin <jessqrp@concentric.net>
To: qrp-1@Lehigh.EDU
Subject: [28084] Need antenna test tonite! 7042 from 00:30-01:30 pre Fox testing.
Message-ID: <343821E5.10F6@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,

In the spirit of the fox hunt I spent a little time today converting the
zepp to a 40 meter delta loop. The apex is at 40 feet and fed at the top
with twin lead. I would like to try see if there is a difference between
the loop ant the Gap Titan before the Fox hunt next week.

So for those of you that are up for it, I will be on the air for about
an hour tonite at about 00:30-01:30 at 7042 + or - QRM give or take. I
would like some FAIR reports on the difference between the antennas. I
am hoping that this might make my participation in the hunt a little
more fun for all involved.

The loop is a full wave delta loop for 40 meters fed with twin lead at
the apex. Not very high though...only about 40 feet to the apex. The Gap
Titan is up on a post at about 8 feet.

Look for me later on 40 meters or Email me here if you want to set a
sched. I will try to run a bit slower on the speed, about 18-20 wpm.

--

Jess N0TFI <><

<http://www.concentric.net/~jessqrp>

qrp-1 #1232 CQC #92 1997 Fox

Date: Sun, 5 Oct 1997 18:51:54 -0500
From: "Larry Wise/KA5T" <lewise@inetport.com>
To: qrp-1@Lehigh.EDU
Subject: [28085] QRP ops in ND, SD, and WY
Message-ID: <199710052343.SAA02603@admin.inetport.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

OK Gang:

We're going to try and spend a couple of days in each of the three states on the way home from MN...Here's the tentative itinerary:

Mon 6 OCT - Travel from MN to a state park in ND and get set up....
should get there before dark and will get the dipole up if possible.. If not the Hustler on the pickup cab....
operate 40 m from setup til 0200 or 0300Z around 7.040 mhz...later if making contacts....

Tue 7 Oct, Wed 8 Oct - Operate all day and into the evening... Begin sometime after daybreak....Odd hours Z on the hour 15 m...Even hours Z on the hour 40m...until 0000Z...then 40m til around 0300Z.. Will continue later if working stations.....

Thur 9 Oct - Travel fm ND to SD and otherwise like Mon 6 OCT...

Fri 10 Oct, Sat 11 Oct - Same schedule as Tue 7 Oct and Wed 8 Oct....

Sun 12 Oct - Travel from SD to WY and otherwise like Mon 6 OCT...

Mon 13 Oct, Tue 14 Oct - Same schedule as Tue 7 Oct and Wed 8 Oct...

Schedules subject to weather variations and other oddities such as:
No way to put up an antenna, breakdowns etc....(Have 16 ft flagpole and SD-20 as backup supports in case of no trees...:-))

After 14 Oct, will meander home through CO, NM and TX taking anywhere from 3 or 4 days to a week.....

Have Hustlers for 80,40,30,20,17,15,12, and 10 if needed....I find that these usually don't work as well as even a low dipole below 20.. Can also make dipoles for these bands if needed.....

Will be using the Kenwood TS450SAT at 4-5 watts as measured by the OHR power meter....

On FOX nights I'll be chasing the FOX....If I catch him I'll move to the opposite of 7040 from the fox and call

Call will be:

CQ CQ de KA5T/0 ND or
CQ CQ de KA5T/0 SD or
CQ CQ de KA5T/7 WY or similarly for the state I'm in...

Am I optimistic or what??? :-)

And why is this info so late in coming you may ask.....
Y'see, when I'M retired I don't plan too far ahead... heh heh...
And then there's the little matter of convincing the co-pilot.....:-)

Will be out of QRP-L contact after Monday morning about 0600CDT until arriving home.....so send any messages tonight.....

Everybody do the low noise/good prop encantation and dance....

As a warm up I worked over 100 CA stations in the CA party on 15 and 40....Course I can't take the 60 ft silo with me on the trip.....:-) Those guys have SOME GOOD ears.....AND prop was gooooooooood....

CUall on the bands

Larry KA5T lewise@inetport.com
Hoping for more Indian Summer.....

Date: Sun, 5 Oct 1997 19:33:33 -0500
From: "John Lockhart" <jlockj@minn.net>
To: <qrp-l@Lehigh.EDU>
Subject: [28086] FS: 38S
Message-ID: <199710060034.TAA25704@mail.minn.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello to the Group!

I bought a "spare" 38S that I probably won't need. If anyone needs one, I'll sell it for \$28.00. (shipping included)

73,

John W0DC
jlockj@minn.net

Date: Sun, 05 Oct 1997 20:32:16 -0400
From: Greg Pollard <cwgreg@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Subject: [28087] Re: AOLoser problem & request
Message-ID: <3.0.1.16.19971005203216.41cf4ab0@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Too bad AOL just bought up Compuserve or whatever. Only opposition now is the
>Bill Gates faction. Lesser of two weevils, ain't it?
>

Why do people think that there are so few alternatives to AOL? That has
never happened to me with AT&T. Sri abt non-QRP subject, I just don't
understand.

Greg W8XP

Date: Sun, 05 Oct 1997 18:54:30 -0600
From: Jess Gypin <jessqrp@concentric.net>
To: qrp-l@Lehigh.EDU
Subject: [28088] On the air now 7043 00:53 got a late start sri!
Message-ID: <343836C6.38DF@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am on the air right now 7043 calling CQ. I got a late start, sri all
that are looking. 5 watts OHR 400 40 meter delta loop and Gap Titan.

--
Jess N0TFI <><
<http://www.concentric.net/~jessqrp>
qrp-l #1232 CQC #92 1997 Fox

Date: Sun, 5 Oct 1997 18:11:49 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: cwgreg@worldnet.att.net
Cc: qrp-1@Lehigh.EDU
Subject: [28089] Re: AOLoser problem & request
Message-ID: <199710060111.SAA18633@dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:32 PM 10/5/97 -0400, you wrote:

>Why do people think that there are so few alternatives to AOL? That has
>never happened to me with AT&T. Sri abt non-QRP subject, I just don't
>understand.
>

True. There are also lots of smaller, local providers that give good service
with less hassle.

73,

Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP
ARCI #8918, AK QRP #30, not in any order of importance.

33.334500N -111.87260W

<http://www.dancris.com/~ki7mn>

WIMPS: QSO's=19 30=19 17=0 12=0 States=15/0/0 DX=0/0/0 QSL's=7

Date: Sun, 5 Oct 1997 18:15:54 -0700 (MST)
From: Jack Meadows <jackmead@getnet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [28090] FOX: Invitation to join "Ole Coots"
Message-ID: <Pine.BSI.3.96.971005175919.12126B-100000@gn2.getnet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

There are three of us now and room for two more on the team.
If your over forty (or just feel like your over forty) and would
like to join our team, email me.

Jack W7QQQ

jackmead@getnet.com

The Team Challenge

>
> The Team Challenge is the one where any 3-5 Hunters
> can join forces. The Team score is a running total,
> taken from the total number of Team pelts bagged to
> date, and divided by the number of Team members. Good
> way to gang up with your pals across the continent.
> Maybe even hedge your bet and pick a friend outside
> of your normal Fox coverage. ;-)
>
> There are already two Teams running loose, with more
> about to be announced. So pick a few Hunter friends,
> join forces, and let me know ASAP! Nice thing is that
> if you get skunked, you can still root for your fellow
> Team critters. :)
>
> Please note that these "events" are **totally** separate
> from the Fox Hunt. They use Fox Hunt data, but should
> not interfere with the Hunt in any way. If they do,
> they're history.
>
> That's the story folks. The rest is up to you. Now if
> you'll excuse me, I've been training some badgers to
> love the taste of coax. Figure I let a few go in CA,
> TX and NV and suddenly Team AB7*T* will shortly be in
> lead.... ;-)
>
> Cheers de AB7TT,
>
> -Joe, vole@primenet.com, AZ ScQRPions (Phoenix)
>
> "'Fraid nobody around here, understands my potato;
> Think I'm only a Spudboy, looking for a real tomato." -DEVO
>
>

Date: Sun, 05 Oct 1997 18:13:10
From: "M. Monninger" <markem@primenet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [28091] Re: AOLoser problem & request
Message-ID: <3.0.1.32.19971005181310.0097ebf0@pop.primenet.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 08:32 PM 10/5/97 -0400, Greg Pollard wrote:

>

>>Too bad AOL just bought up Compuserve or whatever. Only opposition now is the

>>Bill Gates faction. Lesser of two weevils, ain't it?

>>

>Why do people think that there are so few alternatives to AOL? That has

>never happened to me with AT&T. Sri abt non-QRP subject, I just don't

>understand.

>

I have to agree with Greg. In any decent-sized town there are probably several ISP's who offer unlimited internet access. \$15-\$25/mo seems to be the going rate. There are "freenets" in many cities and there are several free email services...there's even qsl.net offering free email & web sites to hams. There are many cheaper & better (IMO, humble or otherwise) alternatives to AOL/Compu\$erve and Microsoft. It always irritates me when I see the news media referring to AOL or Compu\$serve as "the internet".

There...I've said my piece...now back to real QRP stuff.....

73... Mark AA7TA

Date: Sun, 5 Oct 1997 18:34:21 -0700

From: gsurrency@juno.com (Gary L L Surrency)

To: qrp-1@Lehigh.EDU

Subject: [28092] HW-9 mods

Message-ID: <19971005.183908.15678.1.gsurrency@juno.com>

Gang,

I'm about through with some mods and part substitutions on my newly acquired HW-9. No holes (horrors!) or other unsightly things have been done to the rig, just some blueprinting of critical areas of the circuitry and a few parts subs where desperately needed. Heath made a few boo-boos with this otherwise fine rig, so these oversights were in need of attention. Heathkits are near and dear to my heart, so you'll never see any unsightly mods from me.

The results speak for themselves:

1.Much improved keying characteristics, and elimination of the CW

envelope "tail" on key-up as monitored on a scope. Rise / fall times are now near ideal.

2. Better sensitivity and audio quality.

3. More output on the upper bands (80 thru 20m already was 5w +), and additional stability and reduced spurious output on 15m to 10m. Smoother range of the CW level control is the result, and you'll be able to toss those ferrite beads in the pre-driver stages.

4. Better AGC action (slower), and smoother S-meter action.

5. Cleaner and faster T/R transistions, with the total elimination of T/R thumps.

6. Tips on where to look for improving the BFO, VFO, audio filter and product detector performance, as needed by your rig.

7. Errors in the manual / schematic to be on the lookout for.

8. And yes, possible solutions for the dreaded VFO drive slippage.

9. Tips on removing the VFO assembly for servicing, restoring the original control pots, and easy ways to work on the rig without a lot of cussin' and fussin'. ;-)

10. Re-design of the matching PSA-9 power supply to allow voltage adjustment over a range from 13.1 to 14.1v (13.6v with the adjustment centered) and greatly improved regulation with no holes drilled and retaining of many of the original parts. The original circuit was very poor, even allowing for the time it was designed.

In addition, I'll mention several other tips already published and referred to by numerous people - all properly credited for their contribution. And where to look for other mods, such as adding a tight IF crystal filter as mentioned in the ARRL's "Hints and Kinks for the Radio Amateur" handbook, 13th edition.

I'll shortly compile this info into a similar form as I did in the "Nearly Complete Guide to the mods for the 38 Special", as posted on this list a few weeks ago.

So if you have a HW-9 that is in need of a little help, stay tuned and watch for my posting. It's almost time for me to put the cover on mine and compose the mods into a easy-to-follow form. Right now, it's all in my memory. I've been so busy studying this rig, I missed the last Fox hunt and have been silent from the list recently. I hope my efforts will be useful to all of you who own a HW-9.

72 to all,

AB7MY

Gary Surrency

Chandler, AZ (Near Phoenix), QRP-L #571, AZ ScQRPions, ARRL VE

Date: Sun, 5 Oct 1997 17:52:01 -0700
From: gsurrency@juno.com (Gary L L Surrency)
To: n4js@amsat.org
Cc: qrp-l@Lehigh.EDU
Subject: [28093] Re: ARK4 Final
Message-ID: <19971005.183908.15678.0.gsurrency@juno.com>

The MRF476 is a rather delicate device. However, it also has between 15 to 18 db of power gain. So it is real easy to drive, or overdrive. Since the breakdown voltage of the various V_{cb}, V_{ce}, and V_{eb} ratings are all pretty small, you need to exercise some care when using non-resonant antennas or tuned feeders. I prefer to use a MFJ-259 antenna analyzer to pre-set the antenna tuner (that's antooner tenner for Nils) so that the rig never transmits into an unknown reactance / resistance.

Having two TAC-1s and one ARK30 at this QTH, has educated me on the do's and don'ts of MRF476s. If you are subject to mis-treat your MRFs this way, you may be better off with an NTE235 as a substitute. It has very nearly the same power gain and drive requirements as the '476, but is quite a bit more forgiving to mis-matched loads and has higher breakdown voltage ratings.

In my TAC-1 for 40m, I scuttled the wimpy heat sink provided in the kit, and mounted the MRF476 on the underside of the PCB with the heat sink tab thermally fastened to the aluminum bottom plate extrusion by means of a mica insulator and thermal grease. A nylon 4-40 screw holds the '476 tight against the bottom plate, and can be tightened thru the original hole in the PCB that was occupied by the original heat sink mounting screw.

The MRF476 is in exactly the same orientation as when it was mounted above the PCB, except its leads are bent upward rather than downward. After drilling the bottom plate and threading it for a 4-40 screw, some thick thermal grease will hold the mica washer where it needs to stay before carefully sliding the PCB with the newly mounted '476 into position.

A little of the length of the nylon 4-40 screw must be filed off, so the

transistor and screw is simultaneously slid into place over the new mounting location. Holding the PCB and aluminum plate upside down helps the PCB slide into place without disturbing the mica washer. The package of the MRF476 *must* be tightly against the bottom of the PCB before soldering its leads, so there is enough clearance to avoid disturbing the mica washer / thermal grease assembly. There may not be enough clearance for a thermal pad instead of a mica washer.

The net result is the entire bottom plate is now a heat sink, and you can run key down all day a 5+ watts output and never fret about the thermal condition of the '476 tranny. Of course, high VSWR antenna loads or no antenna load will still cause the collector voltage to rise high enough to destroy the '476, so care is still required for those conditions. S&S provides no protective zener for the collector of the PA, but I've only lost one '476 myself - and that was due to an un-noticed antenna switch that was in the wrong position.

Moral: Always use an antenna analyzer (or noise bridge) to pre-tune the antenna, and double check the antenna switch and connections *before* transmitting. Your signal will be better, and your PA tranny will be safe too. :-)

72,

AB7MY

Gary Surrency

Chandler, AZ (Near Phoenix), QRP-L #571, AZ ScQRPions, ARRL VE

Date: Sun, 05 Oct 1997 20:41:05 -0700
From: WA8GHZ /5 Jack Dougherty <jdougher@wt.net>
To: qrp-l@Lehigh.EDU
Subject: [28094] RE: Attic Antennas - long -ish
Message-ID: <34385DAA.3895@wt.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Read post re attic antennae, ladder feeders and IC-706 at QRP levels; I have 2 of 3 of those situations so:

Due to deed restrictions, I have two antennae "systems". The INDOOR system is 3 HF antennae. They are a 30 Meter loop that works just great and was my mainline antler for about a year; then there's the 10 meter dipole; and newest is the 10 meter wire beam just put up. The dipole works OK, but am still tuning the wire beam. The indoor 30 Meter loop

works great on all bands with a tuner and coax feed - acutally 30 meters is the place of its worst performance despite it's designed length for that band...even get to work some 160 meters with a 2.5:1 swr.

The Outdoor antenna is illegal, but very stealthy. It's a fan Vee with both 40 meters and 30 meter elements, and only one PVC upright support which is mounted on the chimney, and uses VERY thin grey wire for the Vee elements- can't hardly see it, and nobody has griped in a year. It also has a 10 meter wire vertical with 2 Vee radials "stuck" on to the support to maximize the outdoor antenna, but minimize the antennae supports, which are hard to hide, unlike wire.

And I occasionally use my original IC-706, "Mark 1". I can get it down to about 1 Watt as judged by my antenna tuner watt meter, but I commonly run at 5 watts in the contests, etc. Most times, though the IC-706 is running QRO Mobile CW and I use my TenTec Triton 4 in the contests, etc. due to superior set of "ears". Of course my NW8020 also pinches to QRP levels au naturel and works fine with indoor or outdoor wire.....

Feeds - I just use coax cause it's easy to work with, but not as good as 450 ohm ladder, I'm sure.

Summary - Indoor antlers work just fine - not as good as a TH-7 Yagi on a 100 ft. tower, but just fine, and the IC-706 pinches down to QRP levels just fine.

--

73,

Jack / Houston / WA8GHZ /5

"I know the guy who built my radio."

Date: Sun, 05 Oct 1997 18:54:49 -0700
From: Robert Bayha <rbayha@ix.netcom.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [28095] Re: AOLoser problem & request
Message-ID: <343844E9.FD41EB81@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

IMO.... Get Netscape and an ISP and be done with it!!!

73, Bob, KF6HXS

Date: Sun, 5 Oct 1997 22:06:22 -0400 (EDT)
From: Mark S Adams <msadams@acsu.buffalo.edu>
To: QRP Fanatics <qrp-l@Lehigh.EDU>
Subject: [28096] K5F0 Special Question
Message-ID: <Pine.GS0.3.96.971005214750.11419D-100000@xena.acsu.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Gang,

I put a fourth ariel up to help with the fox hunting. It is a K5F0 special, aka an OCF dipole, 10M on one leg and 30M on the other. It is fed with an unknown length of 450 ohm line right to the shack.

Problem is, it will not load up on 80M at all. I have 4 tuners to play with and no luck.

Now I know, the answer is that my ladder line is just the wrong length. But I am wondering whether this antenna will load at all?

OOOPS! Forget this drivell. The ZMatch form Emtech has just scored! Now I can go back to the Knightlites net with a 1:1 match instead of 30:1.

72, Mark N2VPK
Member of the Buffalo QRP Connection

Date: Sun, 5 Oct 1997 22:16:22 -0400 (EDT)
From: Mark S Adams <msadams@acsu.buffalo.edu>
To: QRP Fanatics <qrp-l@Lehigh.EDU>
Subject: [28097] FOX: New Team Announcent
Message-ID: <Pine.GS0.3.96.971005220659.11419E-100000@xena.acsu.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Gang,

A new team is taking up the challenge! We are the Buffalo QRP Connection. The team roster is:

N2GO, Jim
AA2PF, Dave
K2VNM, Bob
N2VPK, Me
and one more to be announced soon.

We New Yorkers hope to put a BIG dent in the CA/TX/OK/AZ scores!

72, Mark N2VPK
Member of the Buffalo QRP Connection

Date: Sun, 5 Oct 1997 21:22:10 -0500
From: "Bruce Barley" <lbbbarley@feist.com>
To: <qrp-1@Lehigh.EDU>
Subject: [28098] hamfest report - Wichita
Message-ID: <199710060234.VAA27305@wichita.fn.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello -

Here is a BRIEF rundown of what I saw at the Kansas ARRL convention and swapmeet was held Saturday (10/4) in Wichita.

It cost \$8.00 to get in the door -

It was small (!?!?) one-day event.

There were few vendors. No tail-gate trading allowed outside. (City owned convention center.)

I saw absolutely NO qrp gear other than a single HW8 with matching speaker and power supply offered at \$65 - it was about a 7 on a scale of 10.

Later on a trip back from my car, I encountered a fellow coming out with said Heath in tow. He told me he had paid the full \$65 - the owner didn't come down \$.01 on the price. But the ham was ALL EXCITED! He had been using a Ramsey kit up on 17m and had been working Japan, and several other DX stations all last week, and is now a converted believer! He's really anxious to try 40m. I told him about our group, but ALAS! He has no computer, and doesn't know anything about computers or the Internet. I mentioned some of our activities to him, and he seemed interested. I suggested 7040 to him, as being a good neighborhood in which to hang out.

There were a couple of computer related dealers there, but among the flea market types, there was only one table which had more than one or two pieces of computer gear.

Here's a brief rundown of some of the other items which were on the tables

-
Hallicrafters S22 (vhf/uhf rcv'r) dirty but complete - a project radio \$35
several BC221's (WWII vintage frequency meter) - complete w/ calib. tables
\$20

Drake R-4B / T-4B - bad paint - no books - no power supply - \$300 asking.
It was still there when I left shortly before 1pm, to go to work.
Lots of boat anchor looking stuff - fire bottles, etc.
Several scopes - \$150 up. None were H/P. Nothing recent.
Lots of parts/ pieces etc. from estates of several SK's. My junk box
ALREADY runneth over.

One fellow was going from table to table buying up every last bit of
air-dux and mini-dux being offered. I don't know if he was a finder for a
noted middle USA dealer in over-priced electronic surplus, or not. He came
by one table where I was looking over "stuff" and started gathering the few
pieces of mini-dux that guy had to sell. He looked at me, kinda smirked
and said, "I might get around to building something, someday!" Hmmm. He
was pretty obvious.

Now, then. Accounting for what followed me home... Yes. I just about had
to sleep with Rover last nite.

I started off doing what I thought was pretty good. I found a 5 gang air
variable on a single shaft. Each section looks to be close to at least 300
pf - spacing looks like it came from an old TRF receiver. But for QRP, who
cares... Right? RIGHT! Set me back a whole buck. Lotsa puffs fer a FB
antenna match box.

I also ended up with couple of books, and a DSI frequency conter /w book
and wall wart. Supposed to be good up to 550 MHZ. We'll see. Gotta pass
the ol' smoke test, first. Don't know if there's any smoke left in that
lil' plastic box or not. Hope it hasn't all escaped. So far, so good.
Still have cash in my pocket.

Like the song says, "...and then it happened!" At the back of the room,
at a single table, I saw it! A fellow from the local club had a Drake
R-4B / T-4XB / MS-4 speaker / AC-4 ps and manuals / schematics. We
dickered, haggled, and generally carried on for the better part of an hour.
I had taken the checkbook with me, "Just in case I find something I can't
live without." My XYL replied, "Well, in that case, it had better be
something that neither one of us can live without." Ooops! Well, the
long and the short of the matter is that I did come home with the rig.
First HF rig I've purchased since 1979. I couldn't get the guy to come
down that last \$25, but I did get him to throw in the Shure 444D mic he had
on the table with it. The real kick in the head came when I was loading
the dolly to roll the gear out to my car... He said, "Here. You will want
this." Would you believe he handed me a box with a COMPLETE SET OF SPARE

TUBES! For BOTH the transmitter, and the receiver.... AND A PAIR OF BRAND NEW FINALS - NIB! I should be so lucky! I counted my blessings, and left. Already had blown the bank roll, and couldn't afford any more "good deals". Good thing I was able to get in 6 hours of OT at work on Saturday pm.

From what I read of the schematic, it doesn't look like I'll be using that T-4XB qrp! I don't find any ALC in the audio chain, anywhere. As nice as this rig looks, I'd hate to hacknslash. Oh, well. The R-4B looks like it will go anywhere I want to put it. Get a rock for the rcv'r and put up some HB for this Winter. This is the first rig I've had that is 160 capable. Also, for the WARC bands. Can't do 30m with the TX, but can w/ rcv'r ... also 17m & 12m.

If anyone has any experience with the Drakes, please contact me OFF line. I'm switched into "Learning" mode. Winter's coming, even if it was 90 deg. today in Wichita.

72's

Bruce Barley KB0PZD qrp-1 #69
lbbarley@feist.com

Date: Sun, 5 Oct 1997 23:10:32 -0400 (EDT)
From: LynnSimons@aol.com
To: mmartin@internetni.com, qrp-1@Lehigh.EDU
Subject: [28099] Re: Attic Antennas
Message-ID: <971005230633_-93772084@emout06.mail.aol.com>

Hi Mike,

Thought I would answer your question about attic antennas. I live in a restricted neighborhood in Birmingham, AL and have 3 dipoles in my attic: 10,15, and 20 meter versions. I also have two 80 meter mobile antennas connected at the bases and feed with coax and mounted as if it were a dipole antenna. Using these antennas as well as a 40 meter inverted vee that I have against the back of my house out of sight I have been able to work and QSL all 50 states, work nearly 100 countries and QSL 84 of those so far and this all with 5 or less watts.

So in spite of everything I have been able to enjoy QRP operations with these "mediocre" antennas. So I wouldn't hesitate to go ahead and install attic antennas if you want. I know they're not as good as several elements on a tower but hey, we use what we can! I have even worked one dx qso using only 400 mW and my 20 M dipole during one contest! So I say go for it and have fun!

Good DX and 72/73,

Lynn, KJ3V

"I only have a few watts, but I use them wisely!"

Date: Sun, 05 Oct 1997 21:15:42 -0600
From: Jess Gypin <jessqrp@concentric.net>
To: qrp-1@Lehigh.EDU
Subject: [28100] Antennas test is over and fun!
Message-ID: <343857DE.6CF5@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,

Thanks for the practice and all of the folks that dropped by. I got a late start and did not get QRV until 00:53 and had trouble finding a clear spot. I tailened a QSO between Dave NF0R (St Louis Vert guy) and another ham. Dave and I have not worked in a long time and it was nice to catch him on the air. I worked VE4KZ next and Tim K50I waited for me patiently. Then came some others, K10J, N2G0, WA9PWP, and last NN9K. I will list the reports that I got and the differences between the antennas. Generally the loop was much better for receive (duh!) and better for the close in stuff (less than 1000 mi again duh!) and the Gap was the same for the farther out stuff with the vertical showing more QSB but that could have been the band. Thanks to all who listened for me and if I missed any sorry!

00:59 NF0R 579 on loop and 569 on vertical. He was 559-569 receive on loop and 539-549 on vertical. St Louis M0
01:10 VE4KZ 579 on loop 439 on vertical (not sure why so different). Said that the loop was 6db better than the vertical. Winnipeg MAN.
01:16 K50I TIm said that the loop was about 6 db better than the Gap Titan, but on the other hand, Tim had a great signal here on his Titan. Go figure. Thanks for hanging in there for me Tim!
01:20? N1QQV Not sure of QTH but I know it was CT. Best I could give was a 339 on receive, either antenna. Thanks for hanging tuff Ken!
01:30 K10J Very loud here. 579 on loop and 579 on vertical. He said that the thunderstorms were very bad there.
01:37 N2G0 Very nice signal here from Buffalo. 579 loop and 559 (I think) on vertical. Nice QSO with Jim
01:43 WA9PWP 469 on loop and more qsb on vertical. Paul was using

aground mounted vertical I think.

01:54 NN9K Now this guy knows how to op. He dropped his call perfectly zero beat just one time after I signed with Jim. Did a Fb job Peter. got 579 and gave it as well. I did not get the vertical to loop comparison here.

As you can see I worked from close in to far out and had the type of results that I expected. It appears that the delta loop should kick butt for the fax hunt for most of the contacts that I need to make. It sure is a bunch quieter on receive. The Titan is a great antenna and will not be going anywhere soon, though. I worked all kinds of DX this weekend...

Best to all and thaks for the fun!

--

Jess NOTFI <><

<http://www.concentric.net/~jessqrp>

qrp-l #1232 CQC #92 1997 Fox

Date: Sun, 05 Oct 1997 23:20:49 EDT
From: kb0rol@juno.com (Bradley L Mugleston)
To: qrp-l@Lehigh.EDU
Subject: [28101] Fox - N/T Got Him
Message-ID: <19971005.201122.7735.0.kb0rol@juno.com>

Alan,

Thanks for the QSO sorry about the mix up. I came home from dinner at my mothers just as you started the hunt. Had to get the kids to bed and stuff so just had time to turn on the radio and give a quick listen.

Looked around 1.112 last years N/T frequency. Didn't have your name or call and listened to some QSO's trying to find you. Nothing so up stairs to put the kids to bed. Made my rounds and back down stairs - still nothing that sounded like a fox hunt so back upstairs to my computer to check stuff.

Sure enough there was your call, name and state -- also from Chuck a change in the rules - RST Name and State - the order was changed and no number to exchange.

Back downstairs and changed to 7.122 and there you were some QSB but not bad. I sent my stuff, just like Chuck said and you came back looking for NR so I resent my exchange, just to make sure.

Your replied QSL but ?? NR so I sent my QRP-L number and you replied with

the OLD exchange - RST State Name and NR. Guess someone for got to tell you the change in rules -- That's what makes this so much fun. Hope I didn't mess you up with the change in order.

GL and 72's

de KBØROL, Brad

Date: Sun, 05 Oct 1997 21:41:48 -0600
From: Jess Gypin <jessqrp@concentric.net>
To: qrp-l@Lehigh.EDU
Subject: [28102] Spelling
Message-ID: <34385DFC.480D@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

How many of you have typed something in a hurry (antenna test) and then reread it AFTER it was posted to the list and realize that everyone must think that you are a hick because of the typos! I am going to go hide under my blanky now and suck my thumb!

--
Jess NØTFI <><
<http://www.concentric.net/~jessqrp>
qrp-l #1232 CQC #92 1997 Fox

Date: Sun, 5 Oct 1997 21:44:26 -0600
From: Niels Jensen Kristjansson <nkristja@cadvision.com>
To: qrp-l@Lehigh.EDU
Subject: [28103] RE:hamfest report - Wichita
Message-ID: <1.5.4.16.19971005213054.1a9f8f1e@cadvision.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Bruce!

Remember it is easier to get forgiveness than permission.

72 de N=EDels
VE6NJK/TF3NJ

----- =

>Now, then. Accounting for what followed me home... Yes. I just about had
>to sleep with Rover last nite. =20
>72's=20
>Bruce Barley KB0PZD qrp-1 #69
>lbbarley@feist.com
>
>
>

Date: Sun, 05 Oct 1997 21:50:50 -0600
From: Jess Gypin <jessqrp@concentric.net>
To: qrp-1@Lehigh.EDU
Subject: [28104] SSB 1000 miles a watt or better! 15 meters today
Message-ID: <3438601A.273B@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,

I was goofing around on 15 meters today after messing with the loop antenna. I had just used a random piece of wire to hook the two ends of the zepp together. I measured it later and found it was 150 foot loop and resonant at 6.2 MHZ (sheez!)

I was at about 21247 and heard VE3JCH Larry calling CQ. I called him QRO and we chatted for a bit. He was 59+ and I was 59 to him. I mentioned that I was QRP cw op and he said that he had messed around with QRP some. I told him that as lod as we both were to each other that we could work at 5 watts. I dropped the power and so did he. 5 watts was 579 qsb both ways. I dared him to try it at 1 watt. He said that he could not drop any lower than 5 watts on his new TS570D Kenwood. I had him back off the compression and he got it down there. To make a long story short, he gave me a 53-54 at about 950mw! and he was 52-53 with me at 1 watt! He was amazed as was I especially on SSB! I know that the higher bands are better for this but that was fun. Don't get worried, I will not be converted from CW, but I might hav made a very good impression on a QRO op!

Now, how do I get that 1000 MPW award! :-) (Actually 1400 miles per watt!)

Best

--

Jess NOTFI <><

<http://www.concentric.net/~jessqrp>

qrp-l #1232 CQC #92 1997 Fox

Date: Mon, 6 Oct 1997 01:01:29 -0400 (EDT)

From: N5JI@aol.com

To: qrp-l@Lehigh.EDU

Subject: [28105] For Sale or Trade

Message-ID: <971006010109_1620440259@emout02.mail.aol.com>

hi gang

i have for sale the following two items

ten tec argosy model 525 analog with the narrow/wide cw audio filter, the 500 hz

crystal cw filter, and the crystal calibrator. 100% working condition. the top cover is scratched. 350 + shpg.

norcal 40a (newest rev b) built by yours truly in excellent condition. 125 + shpg.

or i'll do some trade-in. i need a 2m mobile, 20a pwr supply, YG-455C cw filter.

n5ji@aol.com or richard.kapalczynski@mci.com

or call between 6p-11p CDT @ 972-578-3843

Date: Sun, 5 Oct 1997 22:14:00 -0500

From: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>

To: qrp-l@Lehigh.EDU

Subject: [28106] New (used) scope

Message-ID: <M2071871.004.m71c3.1.971006052448Z.CC-MAIL*/OU=LMPCC4/OU=ILBB/PRMD=MOT/ADMD=MOT/C=US/@MHS>

Really fine day today. Hit the Livermore flea market, then NORCAL meeting. My big treasure from the flea market is a very nice Hitachi V-1050F 100 MHz

scope on a Tektronix lab cart, yet. \$140.

Now I would like to find a proper manual for it. Does anyone have an idea where Hitachi manuals might be run down? Not like your everyday hp or Tek stuff.

Not sure where to start looking.

73, and bring on the Novice/Tech+ Foxes. We is ready.

Bob N6WG and 01' Kenwood

Date: Mon, 06 Oct 1997 09:33:39 -0700
From: Harvey Hetland <n6mm@earthlink.net>
To: QRP-L@Lehigh.EDU
Subject: [28107] Temp. Comp. Caps Source.
Message-ID: <343912E3.28A3@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ralph L. Irons' (N7RI) post on temperature compensation of the Centennial reminded me to post the following information relative to a source for temperature compensating capacitors that is based on a post I originally prepared for the Drake mail list server.

Johnson Shop Products, P. O. Box 2843, Cupertino, CA 95015 telephone (408) (408) 257-8614, FAX (408) 253-6288 has temperature compensating capacitors. This source was recently mentioned in an article in July, 1997, QEX, page 8 in an article by Mark L. Meyer, WU0L, titled, "Meet the Vacker: the Simple, Stable VFO You've Been Looking For". The following is a partial listing from their catalog:

1.5 pF	P100	30 pF	N150	30 pF	N1500
2.0 pF	N470	30 pF	N220	30 pF	N2200
11 pF	N470	30 pF	N330		
15 pF	N330	30 pF	N470	etc.	
22 pF	N330	30 pF	N750		

The typical cost is \$0.10 each or 10 for \$0.85. Their extensive catalog also has several other itmes of potential interest to the QRPer who enjoys melting solder. To the best of my knowledge the company does not have an e-mail address or a web site. The original article did not provide a telephone number, there is no phone listing, so I wrote a letter with a SASE. About one month later I got a large envelop with \$0.78 postage on it. I would suggest you include a dollar with a catalog request. I ordered and received a stock of capacitors with no

problems.

Dan's Small Parts <http://www.fix.net/~jparker/dans.html> has 68pF N750 capacitors at a cost of \$0.39 for 10 units.

Do not overlook the polystyrene capacitors in the Mouser catalog for values above 100 pF. They have a coefficient of N150 and can be used effectively in the capacitive divider of many oscillators.

If anyone knows of other sources I would appreciate hearing.

73, Harvey, N6MM.

Date: Mon, 06 Oct 1997 10:15:16 -0700
From: Harvey Hetland <n6mm@earthlink.net>
To: QRP-L@Lehigh.EDU
Subject: [28108] QRP WAS hint.
Message-ID: <34391CA4.2D99@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Do not overlook your state's QSO party as an opportunity to work some new states with QRP. I missed the recent QRP Afield, but I have enjoyed the QRP-to-the-Field the past two years, and while I have lived in California all my life I realized that I had never been to Imperial County. October 4 and 5th was the California QSO Party. I managed to clear some time on Saturday, drove about 240 miles to a point on the California/Arizona border in Imperial County, and I worked stations with QRP for 3.5 hours before returning for commitments (or is that for commitment?).

I managed 103 QSOs after the one dup was removed, but found it interesting that I worked VT (twice), RI, DE, ND and SD in addition to several other semi-rare states. A total of 34 states were worked and hundreds of mosquitos killed after sunset. The rig was an OHR-400 running 2.5 watts output, gel cell for power, an elevated 20m vertical with eight radials and a 40m dipole. I got started at 2308Z and ended at 0238Z with 40 QSOs on 20m and 63 QSOs on 40m. I was very pleased at being able to readily work the east coast on 40m with a simple dipole at 30 feet. I use a thirty foot push up mast supported by an attachment from the equipment rack on the camper shell of a small pickup truck with a base plate fashioned from two by fours under the rear wheel of the truck. Setup time is about forty minutes.

Yes, I'll probably to it again; but I plan to add antennas for more bands, bug repellent, and more time for operating. Several folks from the QRP-L were logged during this short adventure: W7QQQ, K06KA, AE0Q, N6XU and no doubt others. Thanks for the Qs. They sure grow mosquitos in the Colorado River ... Did I mention the mosquitos?

73, Harvey, N6MM

Date: Mon, 06 Oct 1997 06:19:30 -0400
From: Randy Hargenrader <randyh@harksystems.com>
To: qrp-l@Lehigh.EDU
Subject: [28109] Re: AOLoser problem & request
Message-ID: <3438BB32.56F0@harksystems.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I've been VERY happy with Mindspring. Local Access #'s and great service, etc... <http://www.mindspring.com>
Just another satisfied customer...

--
73, Randy WJ4P
Knightlites QRP-L #296

Date: Mon, 6 Oct 1997 08:06:55 -0400
From: "Fishman, Clark" <cfishman@pica.army.mil>
To: "'qrp-l@lehigh.edu'" <qrp-l@Lehigh.EDU>
Subject: [28110] Sierra Mods
Message-ID: <61184F6C1EF9D0119A6300609798EA461F41BC@pica-emh9.pica.army.mil>
MIME-Version: 1.0
Content-Type: text/plain

I have added 2 mods to my friends Sierra.

1. Change final transistor to MRF237
2. Change the RF choke feeding the collector of the final to a 4 to 1 impedance ratio transformer. I used the same core material as the original choke but used a 0.5 inch instead of a 0.37 inch diameter core wound with 12 bifiliar turns of #24 wire. Form a center tap by connecting the start of one winding to the end of the oter winding. Connect

the tap
to the final's collector. Connect one of the other ends to the +12
volt line
and the last lead to the input of the low pass filter.

Results measured on 80, 40, and 20 meters: greater than 4.5 watts on
all
bands with 2nd harmonics down over 30 Db.

Clark Fishman WA2UNN cfishman@pica.army.mil

Date: Mon, 6 Oct 1997 08:26:26 -0400 (EDT)
From: ARDUJENSKI@aol.com
To: qrp-1@Lehigh.EDU
Subject: [28111] NOVICE FOX HUNT (RETROSPECT)
Message-ID: <971006082622_1392245689@emout05.mail.aol.com>

Well it was REALLY GREAT!! All you going to do it for the first time it is
like jumping out of an airplane for the first time and hoping that chute
opens. Guess what..... it does!!!

Thanks for the kind comments that came in afterwards. I made a few errors but
in the heat of battle.... Learned a lot from my mistakes.

My appologies to those I din't get to. QRM / N here was worse I have ever
seen after the first half hour.

LOOKING FORWARD TO NEXT SUNDAY!.....Alan KB7MBI

Date: Mon, 6 Oct 1997 09:18:22 -0400 (EDT)
From: ARDUJENSKI@aol.com
To: qrp-1@Lehigh.EDU
Subject: [28112] 06 OCT FOXHUNT RESULTS (UNCORRECTED)
Message-ID: <971006091751_-160848892@emout06.mail.aol.com>

Well folks,

Here are the results from NOVICE/TECH+ Foxhunt of 06 OCT 0200-0400UTC

TIME	STATION	NAME	STATE	RST(S)/(MY)	NR/PWR
------	---------	------	-------	-------------	--------

0204 KA5T/0	Larry	MN	559/559	5W
0210 K0EVZ	Doc	MN	559/569	2W
0215 W8KCW	Paul	MI	559/579	5W
0218 W7QQQ	Jack	AZ	579/569	5W
0222 W0CH	Dave	MO	579/579	5W
0227 KI7ML	Bob	AZ	559/579	#271
0231 KI60Y	Lee	CA	579/599	5W
0243 KB0YSN	Dave	CO	559/579	5W
0255 KB0ROL	Brad	CO	559/559	#316
0326 N7XJM	Bert	AZ	33N/579	5W
0340 N0HJ	John	CO	579/579	#219

Station: KB7MBI

FREQ:..... 7.122 until 0255 then move up to 7.125 and down to 7.117

RIG..... EMTECH NW8020

PWR..... 5W

ANT:..... Dipole up 50 ft

COMMENTS: For the benefit of all you getting ready to do your first (this was mine) having written out your "string" you are going to send helps plus I made up a log sheet with how I expected the order of information to come in. I had a spiral notebook for jotting down info so I could go back if I had any questions. All good ideas. Main problem was QRN /local QRM got really bad here at about 0240 and only got worse thru the end. Nothing I did could pull out the HOUNDS. At the beginning I did hear several of *2* and *3* stations. I listened to what was the average sending speed and under the conditions went a little slower than normal. Now that I know what to expect I will pick up the speed a bit and then QRS for those who need it.

SUGGESTIONS: I plan next time to start at 7.140. The area of 7.120 is too busy and I had quite a few *non participants* I had to politely cut QSO short on

IN CLOSING: At 0400UTC I wanted to keep going! It was great and can't wait until next Sunday!!!

Alan KB7MBI

Date: Mon, 6 Oct 1997 09:46:27 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-1@Lehigh.EDU>
Subject: [28113] Re: Spelling
Message-ID: <Pine.LNX.3.93.971006094430.639A-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 5 Oct 1997, Jess Gypin wrote:

> How many of you have typed something in a hurry (antenna test) and then
> reread it AFTER it was posted to the list and realize that everyone
> must think that you are a hick because of the typos! I am going to go

Uhh oohh! What's it say about someone who read it, and reread it, and
didn't notice the typo's :-/ I'll be hiding under the porch if anyone
needs me....

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
-- N3XRV ARRL-VE QRP WAS 20/10(w/c) | ccart@erols.com --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? | <http://dns.vidtel.com/~ccart> --

Date: Mon, 6 Oct 1997 09:01:02 -0500
From: Kevin Muenzler <wb5rue@stic.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [28114] RE: Spelling
Message-ID: <01BCD236.5FF219A0@SA5399-2-15.stic.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

On ccart@dns.vidtel.com, Chris Cartwright[SMTP:ccart@dns.vidtel.com] wrote:

> On Sun, 5 Oct 1997, Jess Gypin wrote:

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> > How many of you have typed something in a hurry (antenna test) and then
> > reread it AFTER it was posted to the list and realize that everyone
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> didn't notice the typo's :-/ I'll be hiding under the porch if anyone
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>
> -- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
> -- N3XRV ARRL-VE QRP WAS 20/10(w/c) | ccart@erols.com --
> -- QRP-L #655 NORCAL #1891 QRP-ARCI #???? | http://dns.vidtel.com/~ccart --

The only reason "people" make remarks about your spelling is because they have nothing better to contribute to the discussion. Perhaps it gives them a sense of worth or something.

Kevin, WB5RUE

Date: Mon, 06 Oct 1997 09:39:37 -0500
From: John Sullivan <sullivjd@sound.net>
To: qrp-l@Lehigh.EDU
Subject: [28115] Re: hamfest report - Wichita
Message-ID: <3438F828.251F@sound.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bruce Barley wrote:

> Here is a BRIEF rundown of what I saw at the Kansas ARRL convention and
> swapmeet was held Saturday (10/4) in Wichita.
>
> I saw absolutely NO qrp gear other than a single HW8 with matching speaker
> and power supply offered at \$65 - it was about a 7 on a scale of 10.
>
> Lots of parts/ pieces etc.from estates of several SK's. My junque box
> ALREADY runneth over.
>

This was definitely a QRO fest. Didn't see the HW8, but caught a glimpse of the Drake stuff. For the ham looking for serviceable newer gear the Radio Shack crew from Derby had lots of used Icom xcvs. They always show up with a ton of gear.

I found a nice 0-140pf Hammarlund for my Rainbow tuner which is now going into a box with the 38S. Like new \$1.00. I think there's room in there...D'oh!

Latched onto a 24 drawer parts cabinet full of new items. There were

several cabinets, but only one contained The Goods...the stuff the SK prized most highly. Drawers full of toroid cores, ferrite beads, fuses, FETs, LEDs, ICs, knobs, switches, dials, SCRs, heat sinks, grommets, xtal sockets, connectors, diodes, NPNs, PNPs, 2N3904s, LMxxxxs, NE602s, TOKO cans, battery holders, etc. No resistors, no caps. He had other cabinets. \$15.

I also blew \$5 on a big box of electrolytics, Radio Shack chip kits (programmable sound generator, text to speech, voice synthesizer, etc.), A to D converter chips, LED display driver chips, LEDs, SCRs, more electrolytics (bags and more bags full) 100 per value. All new, all packaged. All going to my son's room. He envisions a project to get even with the cat.

I left after Stehen Mendelsohn, Lew Gordon, and Mike Brungardt spoke.

de KG0MZ

Date: Mon, 6 Oct 97 09:51:30 EDT
From: Bill Acito 06-Oct-1997 0947 <acito@asdg.ENABLE.dec.com>
To: -qrp@us1RMC.bb.dec.com
Cc: acito@asdg.ENABLE.dec.com
Subject: [28116] Corsair II on QRP
Message-ID: <9710061351.AA18533@us1rmc.bb.dec.com>

Thought I would get real serious for the fox hunt this year... :-)

I was lucky enough to find and acquire a Corsair II with matching supply at the Rochester, NH flea this weekend. I am now in the market for the external VFO (model 263) and the 250hz filter (model 282) if anyone has these for sale (a long shot, I know).

Question:

- Is there a pot somewhere to turn down the power level to QRP levels? The ALC now takes it down to 10w. Can this be lowered without changing the upper 100w limit?

Thanks,

Bill

[cross posted to the TenTec mail reflector]

. - I own my own words -
Bill Acito acito@asdg.enet.dec.com
|d|i|g|i|t|a|l| Digital Equipment Corporation Hudson, MA

W1PA qrp-ne qrp-l adv-rs arci norcal amsat-na arrl-life

Date: Mon, 6 Oct 1997 09:59:46 -0500
From: Brian Cieslak <brianc@ams-i.com>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>
Subject: [28117] Thanks from FOX#2 AE9K
Message-ID: <50F91F96FB1FD11191C100A0C95B29370587F4@COMMSERVER>
MIME-Version: 1.0
Content-Type: text/plain

Greetings Hunters,

Just got done reading the FOX Hunt soap box..You guys sure know how to make one feel good. Now you know why I thank each of you after a contact, your all pals, worth a couple of contacts. (besides its a a sneaky way to let you know I probably copied your info correctly.)

I saw the preliminary results of W5FN's 'who didn't get me' poll and he had only 14 responses...Sure seemed like a lot more in that last blast of RF that hit my antenna. I am interested in the final results.

For those who seem discouraged fret not....I worked 3 foxes in a row last year and then didn't even hear one till the end of january. Hunting isn't easy and the crowds add a new factor this year.

One response concerning the repitition of my exchange in each contact. I thought about not sending everytime too, but then realized that someone may come in in the middle of the test and not have the information.

For those who were interested the rig was a Kenwood TS430S running 5Watts into an AP8A Vertical (6 radials) mounted on the ground. I did not use the Timewave DSP 59+ this time. It quickly proved to be ineffective with all the signals on the same freq.I did use the 500 HZ CW filter on the righ though. Must be the result of all those matched crystals in those norcal kits :-)

As far as dealing with the mob..there were always one or two signals that stood out right away. Occasionally a weak one would float to the top of the foray an be easy to copy. As the mob subsided I would pick a couple of stragglers off.

All comments and email are going into my foxhunt scrap book. QSL's are sure for those who send em.

One last recommendation. Those future foxes should practice copying calls in the pileup after you've caught your fox. Practice makes perfect.

CU in the weeds!

Brian AE9K

PS N2BRT,N2VPY adn VE5RC entries corrected and forwarded to k5 fox organizer,
typing is not a fox skill

Date: Mon, 6 Oct 1997 10:07:05 -0500
From: tahrens1@juno.com (Timothy H Ahrens)
To: qrp-1@Lehigh.EDU
Subject: [28118] FOX - NOT! Results
Message-ID: <19971006.100705.14342.0.tahrens1@juno.com>

Well, it looks like the hunter pool for last weeks number 2 fox was 84. Brian -got- 64 in his log, and I got responses from 20 folks who weren't as lucky.

Total hunter pool = 84

Thanks for all who responded.

Tim W5FN

Date: Mon, 06 Oct 1997 10:11:31 -0500
From: Jim <kj5tf@mctc.com>

To: qrp-1@Lehigh.EDU
Subject: [28119] [Fwd: Re: Testing portable 40M dipole tonight]
Message-ID: <3438FFA3.FD0@mctc.com>
MIME-Version: 1.0
Content-Type: multipart/mixed; boundary="-----752268FD774F"

This is a multi-part message in MIME format.

-----752268FD774F
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks Ken and others who tried to find me tuesday nite.

There were atleast 2 contests going + SSB QRM around 7.043, but I was able to work several 6 landers and a total of 10 stations. I went up to 7.120mHz and worked Craig KF4NYZ a 13 year old ham of 9 months! The dipole wrked fine from 7.025 - 7.135mHz!

I will be checking into the Arkansas QRP net tuesday evening 7:30PM central time. NCS will be Bob AC5AM, look for the net around 7.042-43mHz.

AR QRP also has a 75M QRP net that meets tonight (mondays) at 7:30PM on 3.560mHz.

My antenna is a 30% shortened 40M dipole hung from a PVC "tree" mounted on the rail of my pickup truck. I use the two 26' wires from the dipole as "guys" and even the RG58 is positioned to act as support for the PVC tree.

Again tuesday nite I will be parked in a cemetery and appreciate the company, so please check in, TNX! de Jim KJ5TF/QRP AR QRP #2

-----752268FD774F
Content-Type: message/rfc822
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Return-Path: n4so@juno.com
Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22]) by mail.cei.net (8.8.5/8.6.9) with ESMTP id IAA08683 for <kj5tf@mctc.com>; Sun, 5 Oct 1997 08:37:02 -0500 (CDT)
Received: (from n4so@juno.com)
by x4.boston.juno.com (queuemail) id J\P25207; Sun, 05 Oct 1997 09:36:38 EDT
To: kj5tf@mctc.com
Subject: Re: Testing portable 40M dipole tonight
Message-ID: <19971004.203319.4391.4.n4so@juno.com>

References: <3436570F.769D@mctc.com>
X-Mailer: Juno 1.38
X-Juno-Line-Breaks: 0-5
From: n4so@juno.com (charles k brown)
Date: Sun, 05 Oct 1997 09:36:38 EDT

Sorry I missed you. Can you try again?

Ken Brown, N4SO
QTH nr Mobile, AL/ EM50tk
qrp-l #622
n4so@juno.com

-----752268FD774F--

Date: Mon, 6 Oct 1997 11:20:43 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: Brian Cieslak <brianc@ams-i.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28120] FOXing...think of working split?
Message-ID: <Pine.LNX.3.95.971006111904.27480C-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

DX stations do it all the time to manage pileups.

If the FOX were to announce and listen 1 up, 2 up, it would be so much more efficient.

Were I the FOX for a night (yes, I guess I'm volunteering, as I'd drag out the mobile setup) I suspect this's how I'd do it.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 80 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
*** 301-549-1022 h / 301-982-1015 w ** Life is one big hamfest ***

Date: Mon, 6 Oct 1997 11:12:53 -0400

From: "Kevin F. Glynn" <kfglynn@prodigy.net>
To: "Vinny WB2AAP" <wb2aap@juno.com>, "Sal KC2BGT" <pccp55a@prodigy.com>, "Richie KB2TWX" <Rkb2twx@aol.com>, "Elmar KB2VTN Vaher" <ekv@erols.com>,
"Charlie N2JZA" <chazn2jza@aol.com>, "Bruce KA2VXD" <bsorrent@idt.net>, "QRP-L" <qrp-l@Lehigh.EDU>, "NJ-QRP" <njqrp@njqrp.org>,
Subject: [28121] ANNOUNCING THE LI/NJ QRP DOGHOUSE OPERATION SPRINT, 22- NOV- 97, 1800-2200 UTC
Message-ID: <199710061511.LAA36566@mail1y-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Announcing the LI/NJ QRP Doghouse Operation Sprint (LI/NJDOS), sponsored jointly by the Long Island QRP & New Jersey QRP clubs. Here's a sprint that you can work and still manage to stay out of the doghouse on the Saturday afternoon prior to Thanksgiving. You can play radio, and have plenty of time to mow the lawn, clean the guest room; do whatever it takes to get the house ready for Thanksgiving.

Date and Time:
Sat., November 22, 1997 1800-2200 UTC

The contest is a single-op QRP CW sprint. Try to operate as many ops in as many area codes as possible, with extra QSO points given for working members of the LIQRP and NJ-QRP clubs. Stations may be worked more than once on different bands.

Suggested QRP Frequencies from 80M through 10M (no WARC bands):
1.810, 3.560, 7.040, 14.060, 21.060, 28.060

Exchange:
RST, area code and first name

QSO points:
5 points for LI/NYC/NJ/MD area codes

2 points for all other area codes

LIQRP and NJ-QRP members will exchange area codes with the suffix X indicating they are worth extra QSO points. For example, 559 718X Kevin since I'm in an extra QSO point area code. This will make tallying total points much simpler.

Extra QSO Point Area Codes are:
516 - Long Island, NY
212 & 718 - New York City
201, 609, 732, 908 & 973 - New Jersey
202, 301, 410 & 703 - Maryland

Power Multiplier:
Less than 1 watt x 10
1 to 5 watts x 7

Bonus points:
Portable location, battery operation with temporary antennas: 2,000 points.
Battery operation from home location: 1,000 points.

Total points:
(QSO points x power multiplier) + bonus points

Certificates will be awarded for the highest overall total score, most area codes worked, most extra area codes worked (from the LI/NYC/NJ/MD list above) and most number of LIQRP/NJ-QRP members worked.

Logs:
Submit logs by December 22nd, 1997 to Kevin N2T0. Submit e-mail messages with attached text files to kfglynn@prodigy.net or snail mail to:
Kevin F. Glynn
429-73rd Street
Brooklyn, NY 11209
Please include an SASE if you'd like to receive contest results. Results will be posted to QRP-L, LIQRP and NJ-QRP by year's end. Late entries will count as check logs.

Good luck to all, and remember, radio and holiday/family do mix!

The Amateur is Balanced...Radio is his/her hobby. He/she never allows it to interfere with any of the duties he/she owes to his/her home, his/her job, or his/her community. I think we can do both here! Join us for the first LI/NJ QRP Doghouse Operation Sprint (LI/NJDOS).

72 Kevin N2T0
Brooklyn, NYC
kfglynn@prodigy.net

Date: Mon, 6 Oct 1997 08:48:14 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: ham@w3eax.umd.edu
Cc: qrp-l@Lehigh.EDU
Subject: [28122] Re: FOXing...think of working split?
Message-ID: <199710061548.IAA16388@dancris.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 11:20 AM 10/6/97 -0400, you wrote:

>DX stations do it all the time to manage pileups.

>

>If the FOX were to announce and listen 1 up, 2 up, it would be so much
>more efficient.

>

Ah, yes, but they don't use the rigs we do, many without RIT or any means of using splits.

73,

Bob KI7MN (ki7mn@dancris.com) Chandler, AZ

Grid DM43bi Lat 33.334500 Long -111.87260

NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL

<http://www.dancris.com/~ki7mn>

WIMPS: QSO's=19 30=19 17=0 12=0 States=15/0/0 DX 0/0/0 QSL's=6

Date: Mon, 6 Oct 1997 12:06:24 -0400 (EDT)

From: Chris Cartwright <ccart@dns.vidtel.com>

To: QRP Reflector <qrp-1@Lehigh.EDU>

Subject: [28123] Re: FOXing...think of working split?

Message-ID: <Pine.LNX.3.93.971006115756.1037D-100000@dns.vidtel.com>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 6 Oct 1997, Scott Rosenfeld [NF3I] wrote:

> If the FOX were to announce and listen 1 up, 2 up, it would be so much
> more efficient.

I was just thumbing through one of my old (1994?) QRPP's and it talked about working a split using RIT, up 1 or 2 is possible with just RIT. Of course with and SST or some of the older rigs without it, you'd be SOL.

Hmmm... guess foxing just ain't what it used to be :-). And only 84 hounds for Brian? Can't be, all that noise from only 84? Even if all were using 5W (and I know they weren't) that would only make about a 450W ether warmer. Wow! Think about that, 300 "full gallon" QRP'ers to 1 legal limit station... kinda like the ants carrying off the entire picnic :)

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com

--

-- N3XRV ARRL-VE QRP WAS 20/10(w/c) | ccart@erols.com --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #???? | http://dns.vidtel.com/~ccart --

Date: Mon, 6 Oct 1997 12:00:37 -0400
From: "Kevin F. Glynn" <kfglynn@prodigy.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [28124] ANNOUNCING THE LI/NJ QRP DOGHOUSE OPERATION SPRINT, 22- NOV- 97,
1800-2200 UTC
Message-ID: <199710061559.LAA34692@mailly-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

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Bonus points:

Portable location, battery operation with temporary antennas: 2,000 points.

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Total points:

(QSO points x power multiplier) + bonus points

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Kevin F. Glynn

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Brooklyn, NY 11209

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72 Kevin N2T0

Brooklyn, NYC

kfglynn@prodigy.net

===== LI QRP Club Mailing List =====

To unsubscribe from this list, send email to listserver@waterw.com

and put the text "unsubscribe liqrp" in the message. To post a

message to the list, send email to liqrp@waterw.com.

Date: Mon, 6 Oct 1997 12:44:34 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: Bob Hightower <ki7mn@dancris.com>
Cc: qrp-1@Lehigh.EDU
Subject: [28125] Re: FOXing...think of working split?
Message-ID: <Pine.LNX.3.95.971006124348.27729B-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Silly me, thoght about that after I posted...someone else noted it to me as well...

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 80 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
*** 301-549-1022 h / 301-982-1015 w ** Life is one big hamfest ***

On Mon, 6 Oct 1997, Bob Hightower wrote:

> At 11:20 AM 10/6/97 -0400, you wrote:
> >DX stations do it all the time to manage pileups.
> >
> >If the FOX were to announce and listen 1 up, 2 up, it would be so much
> >more efficient.
> >
> >
> Ah, yes, but they don't use the rigs we do, many without RIT or any means of
> using splits.
> >
> 73,
> Bob KI7MN (ki7mn@dancris.com) Chandler, AZ
> Grid DM43bi Lat 33.334500 Long -111.87260
> NorCal #1221 ARCI #8918 Qrp-1 #271 CQC #274 AK QRP #30 ARRL
> <http://www.dancris.com/~ki7mn>
> WIMPS: QSO's=19 30=19 17=0 12=0 States=15/0/0 DX 0/0/0 QSL's=6
>

Date: Mon, 6 Oct 1997 09:36:32 -0700
From: gsurrency@juno.com (Gary L L Surrency)
To: cfishman@pica.army.mil

Cc: qrp-1@Lehigh.EDU
Subject: [28126] Re: Sierra Mods
Message-ID: <19971006.094237.6566.2.gsurrency@juno.com>

Clark,

If the heat sink on that MRF237 needs to be improved, try a NTE401 three-layer press on T0-5 / T0-39 heat sink. They come 2 to a package for \$3.99. I got mine at Fry's, but any NTE dealer should have them or could order them for you. Circuit Specialists were out of stock.

The MRF237 is a T0-39 package, which is a little shorter in height than a T0-5.

These heat sinks are pretty nice, and I used two on them in the HW-9 I have with a small amount of thermal grease smeared inside the T0-5 / T0-39 split clamp. I was having trouble finding other heat sinks for T0-5 / T0-39 style package. These are pretty nice heat sinks, black anodized and fairly priced. If anyone has a better choice for the Sierra, it should be used instead at the power levels you are running.

I'm not sure what is presently used in the Sierra, but this is one possibility. 4.5 watts on one MRF237 will produce considerable heat build up, especially during BUBBA! ;-) Two MRF237's are used in parallel in the HW-9 and the pair of them still get pretty warm on long tune-ups or ragchewing. RF parts charges \$6.95 a pop (!) for them, so you'll want to be careful to keep the smoke in.

Nice going tho' ! I know someone else who is about to "hot-rod" a Sierra, but I'll leave that for him to publish! ;-)

Cheers,

AB7MY
Gary Surrency
Chandler, AZ (Near Phoenix), QRP-L #571, AZ ScQRPions, ARRL VE

Date: Mon, 06 Oct 1997 12:56:30 -0400
From: Ed Pacyna <pacyna@auratek.com>
To: qrp-1@Lehigh.EDU
Subject: [28127] Re: More Centennial Fun
Message-ID: <3.0.16.19971006125629.31c7304a@dingle.auratek.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

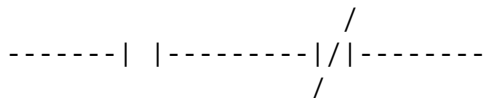
At 10:46 AM 10/5/97 -0400, Ralph L. Irons wrote:

>I decided to try Ed Pacyna's suggestion of reading Wes Hayward's article
>"Measuring and Compensating Oscillator Frequency Drift" in the December 1993
>issue of QST. Hayward shows how to build a really simple environmental
>chamber to heat a VFO, how to use it to make useful measurements of drift,
>and how to compensate for drift by replacing NPO capacitors with others
>which have known nonzero temperature coefficients.

I have had great success temperature compensating VFO's just using an analytical approach.

All components have a temperature coefficient which tells you how much it's value is expected to change in parts per million per degree C. Basically all one needs to do is to calculate the nominal frequency using the combined L and C values. Then assume a certain temperature change (i.e. 10 degrees C), apply it only to L, and re-calculate the change in frequency. Next determine what change in total C needs to be applied (with the same change in temperature change) to off-set this change in frequency. Keep in mind the various circuit series and parallel combinations of C and select an appropriate new value of C with the correct temperature coefficient. The calculations are quite simple (but take care to keep them well organized and understand the effect of the series/parallel C combinations).

If you do not have the necessary value (capacitance and TC) capacitor here is a simple circuit to obtain it (is also useful for tweaking to perfection).



Above, the fixed capacitor has a given capacitance and TC. Select a series variable trimmer of capacitance and a NPO TC, such that the series combination provides the required equivalent C and TC.

>I first tried replacing the 330 pf NPO capacitor C45 with an N750 component
>having a TC of -750 ppm/C. Hayward does not recommend using compensating
>capacitors with such large temperature coefficients. In this case, though,
>it might be difficult to get ENOUGH compensation using components with the
>lower coefficients he recommends. Also, there's the Junk Box Factor.
>I had some N750 components in my junk box, and none of the polystyrene caps
>Hayward recommends.

>My theory is that the MV209 (with its TC of 440 ppm/C), contributing
>more capacitance to the circuit at low frequencies, drives the TCF up
>in magnitude at the low end of the VFO range. The difference between my
>midband and upper edge measurements (about 2 ppm/C) is probably
>within the amount of variability in measurement to be expected from

>my primitive setup.

>

>I'd have a better idea of how the VFO's performance has changed if

>I had made TCF measurements near the ends of its range, as well as

>midband, prior to replacing components.

Varactors have an extremely strange and non-linear TC. A common approach for TC in circuits where they are used is to also use a PN junction (diode or transistor BE junction) and a shunt resistor on the output. Basically a properly selected junction (varies with each family of varactors) that is properly forward biased (by the shunt resistor) will change the applied voltage to the varactor as a function of changing temperature. The result will be a much tamer and predictable varactor. See the application note that Motorola has in their RF Manual for more details on this subject.

73

Ed, W1AAZ

Date: Mon, 6 Oct 1997 13:05:08 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: Chris Cartwright <ccart@dns.vidtel.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28128] Split FOX?
Message-ID: <Pine.LNX.3.95.971006124721.27729H-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yes, I have been reminded a few times of radios that lack the ability to work split.

HOWEVER, as a fox, it seems to me that a pileup would be easily handled by a radio with a REALLY narrow (read: 250 Hz, IF) filter.

For many years, all I had was a Kenwood TS-520S, which had no external VHF but did have a nifty RIT that could stretch about 1.5 kHz. I threw it all the way over to one side, and managed to work a whole lotta DX before I got a radio with two VFOs.

Anyway, it's getting tough. Used to be, like in listening for the WA3NNA beacon, working the FOX was a question of FINDING the fox.

Now, the FOX is a designated pileup manager. With 2000 QRP-L members, and most of us ACTIVE operators (which is unusual in the ham radio community), if 20% of folks get the urge to work the fox, maybe 1/2 will be able to hear the fox, or 200 people! In a period of 2 hours, that's a QSO rate of 100/hour to get everyone an equal shot.

I've done that QSO rate one in my life, during an IOTA contest, operating from NA139, for a period of 30 minutes. During sweeps, I've done 60/hour from a QRO (100w) station with a beam at 110' for several hours. It's tough, bt at 30 wpm and with simple exchanges, it can be done. Kudos to Brian/AE9K.

The problem:

CQ CQ DE NF3I K CACOPHONY OF HOUNDS HOWLING like my beagle

KB8? KN No KB8, but still stragglers who didn't
hear me say "KB8? KN" and thus keep
calling

I can't hear the KB8, he can't hear me

KB8 PSE AGN Calls back, KB8J...still stragglers

KB8 PSE AGN KB8JRZ calls again, fewer stragglers

KB8JRZ de NF3I 599 MD NR 045 KN QSL KB8JRZ 599 KN

QSL ES QRZ DE NF3I

Possible remedies:

Periods of working split which will basically serve to create a large burst of QSOs, then going back to the simplex frequency to catch those without RIT.

Calling NO RIT for those ONLY who don't have RIT.

This is becoming a VERY serious challenge...

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 80 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
*** 301-549-1022 h / 301-982-1015 w ** Life is one big hamfest ***

On Mon, 6 Oct 1997, Chris Cartwright wrote:

> On Mon, 6 Oct 1997, Scott Rosenfeld [NF3I] wrote:

>
> > If the FOX were to announce and listen 1 up, 2 up, it would be so much
> > more efficient.
>
> I was just thumbing through one of my old (1994?) QRPP's and it talked
> about working a split using RIT, up 1 or 2 is possible with just RIT. Of
> course with and SST or some of the older rigs without it, you'd be SOL.
>
> Hmmm... guess foxing just ain't what it used to be :-). And only 84
> hounds for Brian? Can't be, all that noise from only 84? Even if all
> were using 5W (and I know they weren't) that would only make about a 450W
> ether warmer. Wow! Think about that, 300 "full gallon" QRP'ers to 1 legal
> limit station... kinda like the ants carrying off the entire picnic :)
>
>
> -- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
> -- N3XRV ARRL-VE QRP WAS 20/10(w/c) | ccart@erols.com --
> -- QRP-L #655 NORCAL #1891 QRP-ARCI #???? | http://dns.vidtel.com/~ccart --
>
>

Date: Mon, 6 Oct 1997 12:15:37 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-l@Lehigh.EDU
Subject: [28129] From High Loop to 2 EL loop
Message-ID: <199710061715.MAA17556@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks for the response on the horizontal loop question.

I am also considering making a vertical multi loop wire antenna to hang up over the house using the trees. This would not be a multiband antenna and I would be limited to north or north west in directions. (these things are hard to turn :-)

Using Vertical Loops

Perhaps two sets of interfaced vertical loops for 40/30? I could put these two at 90 degrees from each other and get 360 deg coverage, less of course what the hill would eat up going east.

Perhaps with some effort I could put up the horiz and vertical loops? I have four+ trees spaced about 100ft apart and are a good 50ft higher than

the house.

I have hung multi vertical loops in this location but the thirty meter loop was close to the ground and it took about fifteen watts to be consistant into europe. The twenty meter version was a hot potato (e) I just could not turn the sucker :-)

In the past I have put the flat part of the delta loop up and let the wire weight make the rest of the delta. I fed it at the bottom vee. Sure makes one take a secdond look to see three hundred feet or so worth of wire hanging between two ropes and four trees :-)

My goal is to wrk some 40 mtr dx and WAS at 4 watts this winter. I'll also take what I can get on eighty meters.

Such is my delightful delima with antennas for the new qth... any suggestions welcomed

God Bles

joel wa5cvm

God Bless

Joel

WA5CVM

Joel Denison

start)

81 High street

Farmington, Maine 04938

jdenison@morelr.com

Gentle Lady (RC Sail Plane)(049 engine - high

40 mtr dipole up 40ft

QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765

AK/QRP 109

Date: Mon, 6 Oct 1997 13:27:27 -0400 (EDT)

From: Chris Cartwright <ccart@dns.vidtel.com>

To: QRP Reflector <qrp-l@Lehigh.EDU>

Subject: [28130] Re: Thanks from FOX#2 AE9K

Message-ID: <Pine.LNX.3.93.971006131149.1037I-1000000@dns.vidtel.com>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 6 Oct 1997, Brian Cieslak wrote:

> One response concerning the repitition of my exchange in each contact. I
> thought about not sending everytime too, but then realized that someone
> may come in in the middle of the test and not have the information.

Is it legal otherwise? Chuck? Now granted, I had written down "559 559
WI WI BRIAN BRIAN NR 58 58" at least a dozen times before I caught you
(and of course *didn't* when I got you, was too busy doing the Happy

Dance) but on some of the VHF contests I've worked, even when someone is in the same mobile, or whatever, we have to get the full exchange out of each of them, even though each of us heard the others info immediately before that. Otherwise it doesn't count.

I vote for keeping the full exchange in (if there's a vote:) just so that the one time I catch the fox in two minutes with one call, I'll get the req'd info:) -hey, I can dream can't I- And while I'm running on at the mouth, I'd like to make a request that other Foxii adopt the collect a couple of calls, and then run them as "NW xx? NW xy?" It sure cut down on the din after we hunters got the hang of it. Even if you only have a partial call it excludes a large part of the field, and should reduce some of the clutter. Thanks again Brian, fer my first fox and first WI, 72

```
-- Chris Cartwright,   Technical Engineer   |      ccart@vidtel.com      --
-- N3XRV      ARRL-VE   QRP WAS 20/10(w/c)   |      ccart@erols.com      --
-- QRP-L #655 NORCAL #1891 QRP-ARCI #?????   | http://dns.vidtel.com/~ccart --
```

Date: Mon, 6 Oct 1997 13:22:56 -0400
From: "Kevin F. Glynn" <kfglynn@prodigy.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>, "NJ-QRP" <njqrp@njqrp.org>, "LIQRP" <liqrp@waterw.com>
Subject: [28131] 15M DX
Message-ID: <199710061721.NAA89274@pimout1-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi gang,

Just worked HA30K on 21.025 a few mins ago. I recd 579, and Zoli was 449 QSB to me. My output power was 2 watts.

72 Kevin N2T0
Brooklyn, NYC
kfglynn@prodigy.net

Date: Mon, 6 Oct 1997 12:27:15 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-l@Lehigh.EDU

Subject: [28132] RE: Spelling
Message-ID: <199710061727.MAA17581@m20.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

What this about spalling?

didja ever copy some of the abrievs used on the heir? qth, qrt, qsy, qrp and many many more. I don't sea wear coreck spalling is necessary to communicate with another person, qrp or otherwise or otherdumb.

Noun uwe take this note to hart and new might sea a lot fewer mis-steaks because people won't field the pressure to be exact.

At some point going toward each extreme a common cents lion is pissed and someone gets up set at a typo.

I suggest we get qrp and go chase a fox!

: -)

God bless
joel wa5cvm

God Bless
Joel

WA5CVM

Joel Denison	Gentle Lady (RC Sail Plane)(049 engine - high start)
81 High street	40 mtr dipole up 40ft
Farmington, Maine 04938	QRP ARCI 4066 NEW ENGLAND QRP 476 QRP-L 765
jdenison@morelr.com	AK/QRP 109

Date: Mon, 6 Oct 1997 10:43:35 -0700 (MST)
From: Bob Hightower <ki7mn@dancris.com>
To: ccart@dns.vidtel.com
Cc: qrp-l@Lehigh.EDU
Subject: [28133] Re: Thanks from FOX#2 AE9K
Message-ID: <199710061743.KAA27545@dancris.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 01:27 PM 10/6/97 -0400, you wrote:

And while I'm running on at the
>mouth, I'd like to make a request that other Foxii adopt the collect a
>couple of calls, and then run them as "NW xx? NW xy?" It sure cut down
>on the din after we hunters got the hang of it.

Actually, with new hunters entering the fray from time to time, and not being aware of what is being done to handle the pileup, this could cause more 'noise'.

Other foxii can do what they desire, but I'm going to take them as they come, using RIT and slight changes in the filters to sort them out. I use a SCAF filter, and with that combined with the filters in the rig, I can get pretty tight on a station.

Better, a short note to the list before your stint as a fox might help everyone understand which system will be used.

Date: Mon, 6 Oct 1997 10:52:57 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [28134] Re: Thanks from FOX#2 AE9K
Message-ID: <199710061752.KAA13947@usr03.primenet.com>

Howdy Folks,

Chris (N3XRV), Keeper of the Sacred Quisp, wrote:

>
> I'd like to make a request that other Foxii adopt the collect a
> couple of calls, and then run them as "NW xx? NW xy?" It sure cut down
> on the din after we hunters got the hang of it. Even if you only have a
> partial call it excludes a large part of the field, and should reduce some
> of the clutter.

Beware the Dark Side of Call Collecting, my friend (sounds like a bad Telco commercial about to happen... ;-)).

The problem I noticed with collecting calls for a protracted period of time was that when the Fox was away for 40-60 seconds, the Pack would keep yelping and hollering, working themselves into a feeding frenzy. (I include myself in this group ;-)).

Then when the Fox finally did come back, half the pack didn't even hear 'cuz they were all worked up. I heard at least two times when the Fox would send an *entire* exchange, and the Pack was still yipping away. (100Hz filter helped here!)

So my vote would be to avoid collecting calls unless you can pick off a few calls *quickly*. The longer the Pack calls, the

worse the situation becomes. If you can "train" the Pack to get into a consistent rhythm (no yelping after 5 seconds - sit back a listen afterwards), they will behave. Good doggie. Have a biscuit. :-)

All in my humble opinion (IMHO) of course. The above suggestion assumes the Fox can magically grab an intelligible callsign out of the din within those 5 seconds. A skill which I assuredly lack. :-)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"'Fraid nobody around here, understands my potato;
Think I'm only a Spudboy, looking for a real tomato." -DEVO

Date: Mon, 06 Oct 1997 14:42:08 -0400
From: FACMSA@facilities.buffalo.edu (Adams, Mark S.)
To: qrp-l@Lehigh.EDU ('qrp-l@lehigh.edu')
Subject: [28135] FOX: BQRPC TEAM ANNOUNCEMENT
Message-ID: <1997Oct06.144300.1483.87482@facilities.buffalo.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Hi Gang and FOX Teams,

Just a note to inform you that the Buffalo QRP Connection Fox Hunt team out for blood. The team members include:

AA2PF- Dave, N2GO- Jim, K2VNM-Bob, N5JI- Dick (former Local member, now in Tejas) and N2VPK- Mark.

I was personally thinking of trying to score as many foxes as possible with my SW40 @ 1W. But now, no way! It is time for the afterburners (all 5 Watts).

Mark - N2VPK

Date: Mon, 6 Oct 1997 13:55:51 -0500

From: kreinbd@ccgate.dl.nec.com (David Kreinberg)
To: qrp-1@Lehigh.EDU
Subject: [28136] QSL INFO UA0FH
Message-ID: <0001C3E2.4159@ccgate.dl.nec.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

Gang,

Was hoping for some QSL info for UA0FH, Vic. I worked him the other night on 14.012 at 0128z.

I lost him to QRM/QSB when he was giving his direct address. Any help would be very much appreciated.

Many thanks for all the "Fire-Ball" info. Some folks faxed the article to me this a.m. Thank you!

From the Good News/Bad News Dept.: I've sold my house after 10 months on the market! Hopefully, new QTH will have some antenna trees available. Will still be part of the TX fox party team in DFW area, but I'll be QRT for a few weeks in November (will miss SS, DARN).

73 de Dave NR3E/5
nr Dallas, TX
qrp-1 #25

Date: Mon, 06 Oct 1997 14:48:16 EDT
From: w4bws@juno.com (Donald E Sanders)
To: jessqrp@concentric.net
Cc: qrp-1@Lehigh.EDU
Subject: [28137] Re: Spelling
Message-ID: <19971006.150303.16159.0.W4BWS@juno.com>

Jess, your turn to hold the qrp flashlight under the blanky-welcome to the club.

Donald E. Sanders W4BWS
694 E. Eau Gallie Blvd. Satellite Beach, Fl 32937
407-779-0222 Fax 407-779-0830
E-mail to w4bws@juno.com

My favorite QRP rig glows in the dark

On Sun, 05 Oct 1997 21:41:48 -0600 Jess Gypin <jessqrp@concentric.net> writes:

>How many of you have typed something in a hurry (antenna test) and
>then
>reread it AFTER it was posted to the list and realize that everyone
>must think that you are a hick because of the typos! I am going to go
>hide under my blanky now and suck my thumb!
>--
>Jess N0TFI <><
><http://www.concentric.net/~jessqrp>
>qrp-l #1232 CQC #92 1997 Fox
>
>

Date: Mon, 6 Oct 1997 15:09:10 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [28138] When QRP DX becomes commonplace :)
Message-ID: <Pine.LNX.3.95.971006145527.28474F-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

In a few years, as the bands continue to improve, we must be mindful of our tendency to make reports on our DXing...the reflector can very easily (and I expect it would be given the activity of its readers) become flooded with messages like "12m open, W2 to HL/JA/VK/H4 NOW!" and "I worked from California to Zambia on 100 microwatts today on 10m."

Note, they're not BAD to see; in fact, they're pretty awesome to see. I'm just warning people that these days ARE coming. If you want to see just how soon, check out Jukka's OH2BUA DX Webcluster. Spots from ALL over the world, and over 2.5 MILLION hits per year.

<http://www.clinet.fi/~jukka/webcluster.html>

Pretty neat. Oh look, a US station just worked into 9K (Kuwait) on 15m...and someone in Poland just worked Mongolia on 15!

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 80 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
*** 301-549-1022 h / 301-982-1015 w ** Life is one big hamfest ***

Date: Mon, 06 Oct 1997 12:05:14 -0700
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28139] FOX: Seeking Team Membership; RESUME
Message-ID: <34393669.E4E@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ed Loranger, we6w. Age 39 Short hair and Goatee.
OHR-100 at 5 Watts and Resonant Dipole on 7040 KHz up
46 feet. Parallel feeders and QRP Tuner. Homebrew
keyer and borrowed Bencher Paddles.

A heavy coffee drinker -- I won't fall asleep!

Seeking membership as a packmember. A left-coast hound
from California who promises to be punctual -- I'll ride
the bicycle rim home if I get a flat tire. Anything for the fox.

So, if anyone's in need for another team member with
gas, I mean class....

-Ed Loranger, we6w

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)
HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.
QRP-L#1068/ARCI#9397/Norcal#2227/ARS#275/AR#112 grid CM88ok
mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Mon, 06 Oct 1997 19:26:38 -0700
From: Harvey Hetland <n6mm@earthlink.net>
To: QRP-L@Lehigh.EDU
Subject: [28140] Re: Split FOX?
Message-ID: <34399D99.68B9@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I am an advocate of split operation for pileups. Many if not most

QRPers now have RIT and some split operation is practical. I am into chasing DX with QRP and I frequently have to operate with 5 or more kHz of split, which is well beyond my RIT range. I simply use a second receiver on a second antenna for listening to the desired station. Be sure the second receiver does not have a long AGC hang time like the Sierra, i.e. if one of your rigs is a Sierra use it for transmitting. By wearing two headphones at once you can listen to both frequencies and track the pattern of the DX station's receive frequency. Also REAL QRPers like to melt solder and upgrade their equipment, so this would be an incentive to add RIT to rigs that do not have the feature or to otherwise be creative in finding a working solution. Once the pileup is worked down the fox can pickup the simplex crowd.

One comment with respect to the fox picking up multiple calls. This will encourage trailending which is an art (and somewhat controversial in some crowds) and should be done with care to not interfere with the exchange of information. In my opinion, the fox should always send his exchange first rather than soliciting the hunter's exchange first. The fox does not need to repeat the elements of his exchange when sending his exchange. Sending each element once is enough. Most of us will have already copied the information and it does not change except for the RST. As a hunter if you have not copied the exchange yet, then you are probably not hearing well enough to be calling the fox.

During the second foxhunt I had a 15 minute window between classes from W6BAB. The fox came back to what I copied as W6DAB. There was no exchange sent by the fox, so I repeated my call twice. In the chaos that followed I lost my window of opportunity. In the next few QSOs I realized that the fox had changed his pattern and was receiving the hunter's exchange first and then sending his exchange, which is reverse from normal pileup and contesting conventions and was confusing to many of the hunters. Isn't amateur radio life a never ending educational experience?

73, Harvey, N6MM (operator at W6BAB)

Date: Mon, 6 Oct 1997 15:24:43 -0400
From: sarraf@thermacore.com
To: qrp-l@listserv.lehigh.edu
Cc: w4stx@gte.net
Subject: [28141] re: Sputnik
Message-ID: <85256528.006A752B.00@tci-nt02.thermacore.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Bill:

Fax or send me a copy of your QSL card and I will have it translated from Russian to English.

Dave Sarraf
N3NDJ
Elizabethtown, PA

Date: Mon, 06 Oct 1997 13:37:35 -0600
From: John Evans - N0HJ <jaevans@codenet.net>
To: qrp-1@Lehigh.EDU, larsennc@alaska.net
Subject: [28142] LONG: Century 22 (& possibly Argosy) dial restringing !!!
Message-ID: <34393DFF.C511AB72@codenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I post this to the list in the hopes that 1 - others (some have requested the info) can use it and that 2 - it gets in the archives for future use !!!

Ten-Tec Century 22 dial string repair

Greetings,

This post is a result of my recent repair of a C22 I bought which came with the dialstring limp inside. I suspect, but do not know, that the dialstring configuration in the C22 is similar to that in the Argosy. Some of you will have to confirm that. I have received a few requests for info on how I did my repair. As of this date, the dial has been working FB after several days of operation.

When I received the C22, turning the dial yielded no response in the LED dial indicator in the display above the tuning dial. Upon removing the front panel, I saw that the string was limp, the ground lug near the PTO shaft was broken, and the metal pin that was used to tie the string to the

PTO shaft

was off (still fastened to the string however). My first repair was sort of successful, but the LED indicator would stop short of returning to what I will call the home position when tuning back down to the CW end of each band. What follows now is info and steps to get my configuration working satisfactorily.

REMOVING THE FRONT PANEL

Tune the PTO to the low end of the band.

Remove and set aside all knobs, including the tuning knob. My C22 had two

felt pads between the tuning knob and tuning dial.

Make a note of where the tuning dial is positioned (e.g., 045 on the dial).

Remove the tuning dial from the PTO shaft.

Remove the four panel screws from the front panel and remove the front panel.

DIAL STRING PATH

Since my string was limp, the following path description may not be correct

but seems to be intuitively correct from the placement of the pulleys and

bends in the nylon dial string (not the elastice dial string). The stringing

mechanism consists of a nylon string, an elastic string, three white nylon

pulleys, an indicator adjustment cam (looks like roughly 1/3 of a large knob

with a hook pin on one end), and assorted hardware.

The nylon string begins with a knot around a small metal pin which is pressure

fitted into a small hole on the outside concentric shaft of the PTO. It may or

may not complete a minimum of one turn around the shaft before it passes down

and to the right around the indicator adjustment cam pin, up and to the right

between controls to a white pulley at the upper right of the panel.

Here it

passes around the pulley, goes left and passes over the meter, passes over top a

small aluminum rivet, is wrapped around the LED indicator termination point, goes back right under and around the small rivet, goes back to the LED indicator and terminates in a knot on the LED indicator.

The elastic string begins with a pinched termination on a ground terminal that is fastened with the screw that holds the front of the PTO to the front of the chassis. My ground terminal was broken so I replaced it with a crimp on wire terminal. This terminal can be swung thru abt the 4 and 9 oclock positions to vary the tension in the elastic. The elastic then passes left toward two white pulleys where it goes around the left side of both pulleys, then at an angle up toward the LED indicator and is terminated at the left side of the LED indicator.

Once the elastic and nylon strings are taking the proper path, you can begin to make adjustments to the mechanism.

ADJUSTMENT OF THE MECHANISM

If the metal pin is missing or off the PTO shaft, you must first get the pin or a suitable replacement mounted to the shaft. I found that the pin would reseal with the help of a pair of small needlenose pliers to hold the pin, while I applied downward pressure to the pin from a larger screwdriver.

The first thing I did was adjust the nylon string for proper travel. With the PTO shaft fully CCW, the dial adjustment cam fully CCW (minimum added tension to the nylon string), and LED indicator at the far left of its path, I was able to tie a simple overhand knot and place the knot over the pin (small needlenose pliers help out a lot here). Don't worry about the position of the knot too much. If you can tie the knot close to the end, you may note that you can get a whole loop of nylon string around the shaft before the knot is around the pin -

this will
help keep the string on the pin.

At any rate, with the knot over the pin, make sure that the PTO shaft is still at the end of its CCW travel and that the LED indicator is at the far left of its path. Tighten up the nylon string by pulling on the end of the nylon string that is dangling from the metal pin. It snugged up nicely for me. Now, the nylon string should be snug and almost taut. Tie a second overhand knot in the string around the pin. This will keep the string from loosening up from the pin - in my case, the second overhand knot made the knot two half hitches around the metal pin.

Now, the elastic can be adjusted. If the elastic does not follow the pattern described above, fasten it to the ground terminal on the left PTO screw and make sure it follows the correct path. The elastic should have tension in it when the LED indicator is at the far left of its path. If this is not the case, the elastic can be adjusted with the ground terminal or by stretching it and refastening it at the ground terminal. The amount of tension in the elastic has to be enough to bring the indicator back home from center/full scale.

Give the dial a try by turning the PTO shaft throughout its path. The LED indicator should travel from the far left, linearly thru its entire range to the right. Tune the PTO shaft back to its lower end. The LED indicator should repeatedly follow the path from far left to almost far right. In my case, the elastic tension was not enough to bring the LED indicator back to the far left of the dial. Rather than cut more elastic off or recrimp the elastic via the ground lug at the PTO, I chose to change the elastic path a bit by bringing the elastic up from the two pulleys on the left center of the panel, around the

front panel screw post at the upper left corner of the chassis. This gave me more tension and provided tension from a more horizontal direction to the left side of the LED indicator. Your mileage may vary here. If there is too much tension in the elastic, it will interfere with the ball bearing drive action in the PTO, i.e., the PTO will slip at the high end and may even produce backlash.

Also, I had to lube the pulleys and clean and lube the part of the chassis that the LED indicator rides on. To do this, I squirted a little WD-40 on a Q-tip (sorry for the trademarks here) and used it to clean the chassis parts that the LED indicator rides/rests upon. It took a real squirt to get the pulleys lubed, but I wiped any excess off afterwards. No telling what WD-40 might do to the elastic in the long run.

REATTACHMENT OF FRONT PANEL

After I was satisfied with the action of the LED indicator, I replaced the front panel, being careful to seat the ALC LED leads properly into the connector near the LED indicator AND being careful to seat the meter properly behind the front panel. Replace all knobs, except the Tuning knob.

Replace the tuning dial by slowly pressing it onto the PTO shaft - It took some gentle pressure from a jeweler's screwdriver to the friction pin from behind the dial to get it to slip on. Once on, you can turn it CCW until it reads the original setting you noted before removal. Replace the felt pad(s) and the tuning knob.

You should be able to power the unit up and test out the indicator. The LED indicator can be adjusted with the cam adjustment at the bottom of the chassis so that agrees mostly with the tuning dial position.

sentence. Yes, QRP is different from QRO, but what's he getting at about antennas? Doesn't QRP operation make "elaborate antennas" all that much more important? (Presumably, "elaborate" means something mostly positive--antennas that exhibit good gain, favorable angle of radiation, adequate height above ground, etc.) What is there about "having grown used to high-power operation with elaborate antennas" that would contribute to QRP newcomers' failure?

Was Doug DeMaw perhaps one of those who consider it not to be "real QRP" unless the ERP is kept low, through the use of simple antennas?

--Jim WB5UDE

Date: Mon, 6 Oct 1997 15:48:54 -0400
From: "Kevin F. Glynn" <kfglynn@prodigy.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [28144] ANNOUNCING THE LI/NJ QRP DOGHOUSE OPERATION SPRINT, 22- NOV- 97, 1800-2200 UTC
Message-ID: <199710061947.PAA155902@pimout1-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

(If this is a dupe, I appologize. Did not see it delivered the first time).

Announcing the LI/NJ QRP Doghouse Operation Sprint (LI/NJDOS), sponsored jointly by the Long Island QRP & New Jersey QRP clubs. Here's a sprint that you can work and still manage to stay out of the doghouse on the Saturday afternoon prior to Thanksgiving. You can play radio, and have plenty of time to mow the lawn, clean the guest room; do whatever it takes to get the house ready for Thanksgiving.

Date and Time:
Sat., November 22, 1997 1800-2200 UTC

The contest is a single-op QRP CW sprint. Try to operate as many ops in as many area codes as possible, with extra QS0 points given for working

members of the LIQRP and NJ-QRP clubs. Stations may be worked more than once on different bands.

Suggested QRP Frequencies from 80M through 10M (no WARC bands):
1.810, 3.560, 7.040, 14.060, 21.060, 28.060

Exchange:
RST, area code and first name

QSO points:
5 points for LI/NYC/NJ/MD area codes

2 points for all other area codes

LIQRP and NJ-QRP members will exchange area codes with the suffix X indicating they are worth extra QSO points. For example, 559 718X Kevin since I'm in an extra QSO point area code. This will make tallying total points much simpler.

Extra QSO Point Area Codes are:
516 - Long Island, NY
212 & 718 - New York City
201, 609, 732, 908 & 973 - New Jersey
202, 301, 410 & 703 - Maryland

Power Multiplier:
Less than 1 watt x 10
1 to 5 watts x 7

Bonus points:
Portable location, battery operation with temporary antennas: 2,000 points.
Battery operation from home location: 1,000 points.

Total points:
(QSO points x power multiplier) + bonus points

Certificates will be awarded for the highest overall total score, most area codes worked, most extra area codes worked (from the LI/NYC/NJ/MD list above) and most number of LIQRP/NJ-QRP members worked.

Logs:
Submit logs by December 22nd, 1997 to Kevin N2T0. Submit e-mail messages with attached text files to kfglynn@prodigy.net or snail mail to:
Kevin F. Glynn
429-73rd Street
Brooklyn, NY 11209
Please include an SASE if you'd like to receive contest results. Results will be posted to QRP-L, LIQRP and NJ-QRP by year's end. Late entries will

count as check logs.

Good luck to all, and remember, radio and holiday/family do mix!

The Amateur is Balanced...Radio is his/her hobby. He/she never allows it to interfere with any of the duties he/she owes to his/her home, his/her job, or his/her community. I think we can do both here! Join us for the first LI/NJ QRP Doghouse Operation Sprint (LI/NJDOS).

72 Kevin N2T0
Brooklyn, NYC
kfglynn@prodigy.net

Date: Mon, 6 Oct 1997 16:03:29 -0400 (EDT)
From: Chris Cartwright <ccart@dns.vidtel.com>
To: QRP Reflector <qrp-l@Lehigh.EDU>
Subject: [28145] /RCC ???
Message-ID: <Pine.LNX.3.93.971006160141.1037Q-100000@dns.vidtel.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Now that I've heard this a few times, I'll ask, any idea what the suffix /RCC is for? As in CQ CQ DE N3XRV/RCC. I've never been able to get hold of a station calling /RCC to ask. Did I miss a memo? 72 es tn timer

-- Chris Cartwright,	Technical Engineer		ccart@vidtel.com	--
-- N3XRV	ARRL-VE QRP WAS 20/10(w/c)		ccart@erols.com	--
-- QRP-L #655 NORCAL #1891 QRP-ARCI #????			http://dns.vidtel.com/~ccart	--

Date: Mon, 6 Oct 1997 13:52:08 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [28146] BUBBA Prizes and /RCC
Message-ID: <199710062052.NAA29289@usr05.primenet.com>

Howdy Folks,

Chris (N3XRV) wrote:

>

> any idea what the suffix /RCC is for? As in CQ CQ DE N3XRV/RCC.

Royal Canadian Curmudgeons?

Russian Cossack Crooners? -- (Boris does Bing)

Really Crunchy Cauliflower? -- (Could be a group of farmer hams!)

Radioactive Cheese Curls? -- (A shameless, unlicensed BUBBA(tm) spinoff)

Speaking of BUBBA, I am pleased to announce that our Chief ScQRPion BUBBA Procurement Poobah (my wife ;-)) has found and purchased the ultimate upgrade to one of our special BUBBA prizes.

Yes, while at WalMart my sharp-eyed spouse uncovered the find of the decade - Microwave Pork Rinds!!! Yes, all the goodness you'd expect from good ol' American pork rinds, but in a convenient heat-em-up-eat-em-up package! Pending a further price check vs. the BUBBA budget, a few more of these may go out than originally planned.

Because the AZ ScQRPions care enough to send the *very* best.

: -)

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"'Fraid nobody around here, understands my potato;

Think I'm only a Spudboy, looking for a real tomato." -DEVO

Date: Mon, 6 Oct 97 01:55:43 UT
From: "chuck munce" <k0gjx@classic.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [28147] RE: Split FOX?
Message-ID: <UPMAIL05.199710062057090673@classic.msn.com>

Scott & gang

Split, by all means YES, either that or we should go back to xtal controlled transmitters....

The april 97 issue of qrp quarterly shows me that most testers are using a lot of ts,ic,tt and ft gear (is this qrp !!!) Why dont we get with the program and use real qrp rigs!! They should be mfj, norcal, ohr,emtech, sw and

KB8JRZ de NF3I 599 MD NR 045 KN QSL KB8JRZ 599 KN

QSL ES QRZ DE NF3I

Possible remedies:

Periods of working split which will basically serve to create a large burst of QSOs, then going back to the simplex frequency to catch those without RIT.

Calling NO RIT for those ONLY who don't have RIT.

This is becoming a VERY serious challenge...

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 80 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
*** 301-549-1022 h / 301-982-1015 w ** Life is one big hamfest ***

On Mon, 6 Oct 1997, Chris Cartwright wrote:

> On Mon, 6 Oct 1997, Scott Rosenfeld [NF3I] wrote:
>
> > If the FOX were to announce and listen 1 up, 2 up, it would be so much
> > more efficient.
>
> I was just thumbing through one of my old (1994?) QRPp's and it talked
> about working a split using RIT, up 1 or 2 is possible with just RIT. Of
> course with and SST or some of the older rigs without it, you'd be SOL.
>
> Hmmm... guess foxing just ain't what it used to be :-) And only 84
> hounds for Brian? Can't be, all that noise from only 84? Even if all
> were using 5W (and I know they weren't) that would only make about a 450W
> ether warmer. Wow! Think about that, 300 "full gallon" QRP'ers to 1 legal
> limit station... kinda like the ants carrying off the entire picnic :)
>
>
> -- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
> -- N3XRV ARRL-VE QRP WAS 20/10(w/c) | ccart@erols.com --
> -- QRP-L #655 NORCAL #1891 QRP-ARCI #???? | <http://dns.vidtel.com/~ccart> --
>
>

Date: Mon, 06 Oct 1997 17:01:22 -0400
From: Thomas Isgro <kc8dgu@postoffice.worldnet.att.net>
To: randyh@harksystems.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28148] Re: A0Loser problem & request
Message-ID: <343951A2.B53@postoffice.worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For my 2 cents worth, been with attWorldnet for a year. Dropped
Compuserve six or seven months ago. Haven't missed a thing.

--

73 de
KI8CZ
Tom Isgro
OHIO

<http://www.qsl.net/ki8cz>

10-X #68364	SCI #1479	QRP-L #945	ARS #203
C.A.T.T #2115	FIST 2360	NORCAL	ARRL

Date: Mon, 6 Oct 1997 16:05:30 -0500
From: Ed Manuel <n5em@flash.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28149] RE: Split FOX?
Message-ID: <01BCD271.AD814980@hsh15-67.FLASH.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Because "the program" is all about low power operating and that can be accomplished with any rig you may have.

From: chuck munce[SMTP:k0gjsx@classic.msn.com]
Why dont we get with the program and use real qrp rigs!!

Date: Mon, 6 Oct 1997 16:07:16 -0500
From: Ed Manuel <n5em@flash.net>
To: "'ccart@dns.vidtel.com'" <ccart@dns.vidtel.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28150] RE: /RCC ???
Message-ID: <01BCD271.F14687C0@hsh15-67.FLASH.NET>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

RCC stands for the Rag Chewers Club, an ARRL sponsered certificate to = encourage converstations, not just exchanges. A person calling /RCC is = probably announcing his desire for a moderatly long QSO with meaningful = discussion.

Ed, N5EM

From: Chris Cartwright[SMTP:ccart@dns.vidtel.com]
Sent: Monday, October 06, 1997 3:03 PM
To: Low Power Amateur Radio Discussion
Subject: /RCC ???

Now that I've heard this a few times, I'll ask, any idea what the suffix /RCC is for? As in CQ CQ DE N3XRV/RCC. I've never been able to get = hold of a station calling /RCC to ask. Did I miss a memo? 72 es tnz

-- Chris Cartwright, Technical Engineer | ccart@vidtel.com =
--
-- N3XRV ARRL-VE QRP WAS 20/10(w/c) | ccart@erols.com =
--
-- QRP-L #655 NORCAL #1891 QRP-ARCI #????? | =
<http://dns.vidtel.com/~ccart> --

Date: Mon, 6 Oct 1997 16:20:00 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: Chris Cartwright <ccart@dns.vidtel.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28151] Re: /RCC ???
Message-ID: <Pine.LNX.3.95.971006161704.29637A-100000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

RCC is the Rag Chewers's Club. You need to have a QSO of at least 30 minutes in duration to qualify.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 80 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
*** 301-549-1022 h / 301-982-1015 w ** Life is one big hamfest ***

On Mon, 6 Oct 1997, Chris Cartwright wrote:

> Now that I've heard this a few times, I'll ask, any idea what the suffix
> /RCC is for? As in CQ CQ DE N3XRV/RCC. I've never been able to get hold
> of a station calling /RCC to ask. Did I miss a memo? 72 es tnx
>
> -- Chris Cartwright, Technical Engineer | ccart@vidtel.com --
> -- N3XRV ARRL-VE QRP WAS 20/10(w/c) | ccart@erols.com --
> -- QRP-L #655 NORCAL #1891 QRP-ARCI #???? | http://dns.vidtel.com/~ccart --
>
>

Date: Mon, 6 Oct 1997 16:20:26 -0500
From: Kevin Muenzler <wb5rue@stic.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28152] RE: AOLoser problem & request
Message-ID: <01BCD273.C2497FC0@homedad.uthscsa.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

On kc8dgu@postoffice.worldnet.att.net, Thomas
Isgro[SMTP:kc8dgu@postoffice.worldnet.att.net] wrote:


```

> For my 2 cents worth, been with attWorldnet for a year. Dropped
> Compuserve six or seven months ago. Haven't missed a thing.
> --
> *****
> *****
>
>
> 73 de
> KI8CZ
> Tom Isgro
> OHIO
>
> http://www.qsl.net/ki8cz
>
>
>
> 10-X #68364      SCI #1479      QRP-L #945      ARS #203
> C.A.T.T #2115    FIST 2360      NORCAL          ARRL
>
> *****
> *****
>
>

```

Now you shouldn't give people from AOL such a hard time. After all it's just the Macintosh of the Internet. Compuserve is pretty user-friendly but AOL is user-stupid. ;) Everyone has to start somewhere and AOL certainly is a beginner's level system.

Kevin. WB5RUE
wb5rue@stic.net

```

-----
Date: Mon, 6 Oct 1997 17:23:13 -0400 (EDT)
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
To: Harvey Hetland <n6mm@earthlink.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28153] Re: Split FOX?
Message-ID: <Pine.GS0.3.96.971006171825.19565A-1000000@hercules.acsu.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

```

Think about it this way....If people are spread out more people may be heard. The people that are right on frequency have a greater chance of

being heard when a lot of others are up or down 1 kc (Khz).

How about, "the fox will listen + or - ____ Khz and on frequency".

For every problem there is at leastt one solution. (not necessarily correct answers :-)

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
Life member ARRL
jskalski@acsu.Buffalo.EDU

Date: Mon, 6 Oct 1997 17:55:01 -0400 (EDT)
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
To: Chris Cartwright <ccart@dns.vidtel.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [28154] Re: /RCC ???
Message-ID: <Pine.GS0.3.96.971006175448.19565B-100000@hercules.acsu.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Rag Chewers Club.

73,

Jim N2GO
The Buffalo QRP CONNECTION
ARCI #9013 QRP-L #381
Life member ARRL
jskalski@acsu.Buffalo.EDU

Date: Mon, 06 Oct 1997 14:53:51 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)

To: qrp-1@Lehigh.EDU
Subject: [28155] NJ QRP Club Spy in California
Message-ID: <3.0.1.32.19971006145351.00730294@telis.org>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Yesterday we had the usual monthly meeting of the NorCal QRP Club and guess who shows up? David Maliniak from the NJ QRP Club. I, proudly wearing my new NorCal t-shirt, the one in bright gold that Jerry Parker, the NorCal Web Page guru is selling, spotted Dave at the swap and immediately latched on to him. I introduced him to all the guys, and Dave just thought I was being polite. Noooooooo Dave, that is not the way it works. It was a red alert. You see, every guy that was introduced to you filtered through the swap and your description was passed to all the guys. That is why you did not pick up any of our super secret fox hunting plans. As soon as I introduced you as being a guest from NJ, the word quickly spread. Fellas, the alarm system worked very well.

I must say that Dave almost slipped in. He even brought a very nice homebrew W6EMT Z-match tuner to show us. Nice work, but we saw through the ruse. I do need to put everyone on alert though, as I have it from our spies in NJ that Dave will be making a return trip next month. The old "make two trips in a row and the guys will start thinking he is a local" trick. Nice try, but we are ahead of the game here. Boy those guys in NJ are serious when it comes to QRP. They have even sent one of their key operatives, James Bennett to live out here, but I haven't seen him at a meeting yet. Watch out for him at Pacificon.

Vic Black also showed me a very nice write up that appeared in the PARA newsletter about the upcoming QRP program at Pacificon. I will try to key it in and post it tomorrow. Check the NorCal web page for all the latest info on Pacificon and also the pictures and ordering information for the NorCal T Shirts.

72, Doug, KI6DS

Date: Mon, 6 Oct 1997 17:08:49 +0000 (GMT)
From: Jim Glover <psykey@okcforum.org>
To: qrp-1@Lehigh.EDU
Subject: [28156] Re: Spelling
Message-ID: <199710061708.RAA23299@okcforum.org>
Content-Type: text

I've found that after about 12 years of online communicating, I

simply don't notice spelling errors very much anymore. And when I do, they're very easy to ignore. When I do spot a spelling error, I forget it so fast that by the time I might happen to come upon another spelling error in the same post, I'm not thinking anything like, "Gosh, there are a lot of spelling errors here." It kind of goes in one eye, and out the other, so to speak. :)

--Jim WB5UDE

Date: 6 Oct 1997 17:01:32 -0500
From: "rohre" <rohre@arlut.utexas.edu>
To: qrp-1@Lehigh.EDU
Subject: [28157] For Ed, N5EM
Message-ID: <n1335965187.4571@msmailgw1.arlut.utexas.edu>

(Sorry for the bandwidth, gang)
Ed,
did not hear back from my email to you re Humble.
Hope you got it.
72, Stuart K5KVH
rohre@arlut.utexas.edu

Date: Mon, 06 Oct 1997 15:10:22 -0700
From: Ed Loranger <we6w@qsl.net>
To: psykey@okcforum.org
Cc: qrp-1@Lehigh.EDU
Subject: [28158] Re: W1FB Review of JOY OF QRP
Message-ID: <343961CE.554B@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I hope we don't start a huge thread war here, because that often happens when it comes to antennas/qrp/qro debate.

I think that most qrp'ers take their rigs portable and also operate under outdoor/battery condx.

I expect that he meant that the typical qrp operator might be found using portable equipment.

I see the glass as half full.

-Ed Loranger, we6w

--

72/73 de we6w qrp es cw ONLY (From non-ham to extra in one day!)

HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.

QRP-L#1068/ARCI#9397/Norcal#2227/ARS#275/AR#112 grid CM88ok

mailto:we6w@qsl.net <http://www.qsl.net/we6w>

Date: Mon, 6 Oct 1997 18:20:38 -0400 (EDT)

From: JOppen6115@aol.com

To: qrp-l@Lehigh.EDU

Cc: gsurrency@juno.com

Subject: [28159] RE: ARK4 Final (MRF-476)

Message-ID: <971006182007_172300836@emout07.mail.aol.com>

Thanks for sharing your thoughts and experiences with the MRF-476 with the group. Since this is such a common final transistor in many of our QRP rigs, this is good stuff for many of us whether we own an ARK-4 or not!

I had a couple of thoughts on the subject to add. The most economical replacement for this is the ones Dan's Small Parts sells. In my order, as mentioned in the catalog, he substituted a similar part numbered 2SC2075 (?). Does anyone know if this is a more robust part than the MRF-476, like the NTE-235 Gary mentioned?

Secondly, if the main fragility of the MRF-476 is due to overvoltage from bad SWR's, there are a couple of ideas. One is that one could use a bridge type SWR meter which inherently limits the SWR during tuneup to about 2:1 (if memory serves me right). This circuit is easily identified by the three ~50 ohm resistors that comprise the SWR sensing circuit and the "Tune/Operate" switch. W1FB's SWR TWIN for QRP in QRP Classics is a good example. Many others have surfaced in the QRP literature through the years.

Thirdly, can the final be protected by a zener diode? This is commonly done with FET finals, and sometimes seen in bipolar transistor designs as well.

It seems to me that this would eliminate the overvoltage, therefore protect the transistor. Is there any reason why this wouldn't work with the MRF-476 and similar final transistors? I seem to recall a thread on this topic a year or so ago.

Thanks again Gary, and I hope that this thread can help a lot of us keep our finals intact!

72,

John, KJ6HZ

Date: Mon, 6 Oct 1997 15:29:20 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <vole@primenet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [28160] Re: Team Challenge Standings
Message-ID: <199710062231.RAA01562@multi13.netcomi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Well now, Joe. I would be the last person in the world to suggest that something was remiss in the way the team standings were calculated just because the official involved was a founding member of the LOSING TEAM. In addition, I have nothing but the utmost respect for your honesty, forthrightness, and all that other good stuff. Nevertheless, as an engineer, I have spent most of my life double checking and cross checking calculations, so I've encountered quite a few perfectly innocent computational and transcription errors along the way. In each case, it was perfectly apparent that the errors were solely due to lack of sleep or overwork, and had nothing to do with improving the odds of getting the grant approved or getting the system sold. It was with this history in mind that I respectfully recalculated your fox team standings. I was, of course, surprised, no, shocked, to notice a slight irregularity in the numbers representing the OFFICIAL results. After running the third linear regression analysis of your report, I concluded that the score variance had a 100% correlation to the relationship of the scorer to the captain of the LOSING TEAM. Of course, I immediately thought that you, as the official team challenge statistician, would want to be informed of the amazing result, until I realized that you were also the captain of the LOSING TEAM, and thus, must already be aware of the problem and probably had the corrective actions already well underway.

The actual score for the Aluminum Allies is:

Total Pelts: $2 + 2 + 2 + 0 + 2 = 8$

Total Members: 5

Current Score: 1.6

Good luck!

> ----- FOX TEAM STANDINGS (10/3/97) -----
>
> The Aluminum Allies (N6XU, KU7Y, K5FO, W5TFB, K1MG)
> Total Pelts: 2 + 2 + 1 + 0 + 2 = 7
> Total Members: 5
> Current Score: 1.4
>
>
> Team AB7*T* (AB7ST, AB7TK, AB7TT)
> Total Pelts: 1 + 1 + 2 = 4
> Total Members: 3
> Current Score: 1.333...

Date: Mon, 6 Oct 1997 17:43:26 +0000 (GMT)
From: Jim Glover <psykey@okcforum.org>
To: qrp-l@Lehigh.EDU
Subject: [28161] Re: W1FB Review of JOY OF QRP
Message-ID: <199710061743.RAA23418@okcforum.org>
Content-Type: text

Ed Loranger, we6w, responded to my questions about what Doug DeMaw may have meant by his antenna-related remarks in his review of The Joy of QRP, thusly:

> I hope we don't start a huge thread war here, because that
> often happens when it comes to antennas/qrp/qro debate.

I hope we didn't, too. :(Sorry...I didn't mean to step on any toes. And I'll doubly hope my questions don't start a war, not only because I like things calmer, but also, because I think it'd be neat to hear people's opinions about the topic (as long as they could be shared amicably).

> I think that most qrp'ers take their rigs portable and
> also operate under outdoor/battery condx.
>
> I expect that he meant that the typical qrp operator might
> be found using portable equipment.

Someone else suggested the same thing to me, too. Sure, if you're used to QRO and elaborate antennas, you can hook that QRP rig up to the elaborate antennas, and have some very successful operation, no doubt. But QRP operation yes, does often involve portable operating, so, yes, perhaps that is

what Doug DeMaw had in mind. That possibility seems obvious to me now that it's been suggested, but at the time, I was just thinking to myself, "Gee...for someone who already has those elaborate antennas up and working, QRP operation ought to be a snap!"

Thanks for clearing up my confusion on that one.

--Jim WB5UDE

Date: Mon, 6 Oct 1997 18:53:45 -0400
From: "Thomas J. McCuen" <TMcCuen@compuserve.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [28162] KC1 in 38 Spec
Message-ID: <199710061853_MC2-22FE-1BE7@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Anyone put a KC1 chip in a 38 Spec yet???

If so, please pass along any info re problems you encountered.

Tnx
Tom aa2vk

End of QRP-L Digest 870
